



LINGUISTIC DRILLS

SECOND YEAR

ENGLISH DEPARTMENT

FACULTY OF ARTS

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DATA OF THE CURRICULUM:

SECOND YEAR

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322 PAGES

1

Vocabulary

Understanding the words used to construct sentences is the best way to begin practicing for a reading comprehension test. Using a dictionary is, of course, the best way to define a word. Get into the habit of using a dictionary as you work through this book. Make it part of your basic study materials, and keep it right beside you as you go through this book.

But if you're in a testing situation and you are not allowed to use one, rely on the context clues in the sentence. The term *context clues* means that other words in the sentence "give away" or give clues to the definition. For example, sometimes you will find synonyms (words that mean the same thing) or antonyms (words that mean the opposite), or details that lead you to identify the vocabulary word in question. Once in a while, you will find a group of words set off by commas (called an appositive), which gives you a very clear definition of the word.

CONTEXT

The words, phrases, and sentences surrounding an unfamiliar word. The context can help you make an educated guess about a new word or phrase.

501 Reading Comprehension Questions

The answers to this section begin on page 15.

Read the following sentences and try to choose the best definition for the italicized word by searching for context clues in the sentence.

- 1.** The designer window treatments in her house, installed 17 years ago, were *outmoded*.
 - a. unnecessary
 - b. pointless
 - c. out-of-date
 - d. worthless

- 2.** The spies conducted a *covert* operation.
 - a. dangerous
 - b. foreign
 - c. hidden
 - d. illegal

- 3.** The baseball player's malice toward the referee was revealed in his *spiteful* remarks to the media, which almost ruined the referee's career.
 - a. vindictive
 - b. crazy
 - c. rude
 - d. unpleasant

- 4.** Although Zachary is much too inexperienced for the managerial position, he is a willful young man and *obdurately* refuses to withdraw his application.
 - a. foolishly
 - b. reluctantly
 - c. constantly
 - d. stubbornly

- 5.** His neighbor's *superficial* remarks trivialized the property line dispute and infuriated Malcolm.
 - a. enraged
 - b. petty
 - c. insulting
 - d. misleading

501 Reading Comprehension Questions

6. She showed a *blatant* disregard for the rules.
- obvious
 - hidden
 - last-minute
 - rebellious
7. Her fashion sense was usually described as *flamboyant*, but on the night of the party, Tanya's outfit was uncharacteristically modest.
- impeccable
 - showy
 - sloppy
 - unassuming
8. Mr. Powers was so *gullible* that he believed even the most outlandish excuses of his insincere employees.
- intelligent
 - naïve
 - dishonest
 - critical
9. You cannot become a certified teacher without completing the *prerequisite* student-teaching assignment.
- required
 - optional
 - preferred
 - advisable
10. Charles, aware of his susceptibility to gum disease, is *diligent* about flossing.
- uncomfortable
 - excited
 - thorough
 - ambivalent
11. Even though she'd read her supervisor's memo four or five times, she still found his rambling message *ambiguous*.
- profound
 - inspiring
 - ridiculous
 - unclear

501 Reading Comprehension Questions

- 12.** Excited about winning the award, Marcia walked up to the podium and delivered an *animated* acceptance speech.
- a. abbreviated
 - b. courteous
 - c. reserved
 - d. lively
- 13.** The *intermittent* rain soaked the garden many different times during the day.
- a. protracted
 - b. periodic
 - c. incredulous
 - d. light
- 14.** I got a *vicarious* thrill watching you on the diving board.
- a. shared
 - b. unpleasant
 - c. adventurous
 - d. evil
- 15.** After several small brushfires at the campground, officials felt the need to *augment* the rules pertaining to campfires.
- a. criticize
 - b. retract
 - c. consider
 - d. expand
- 16.** As soon as the details of the election were released to the media, the newspaper was *inundated* with calls—far too many to be handled effectively.
- a. provided
 - b. bothered
 - c. rewarded
 - d. flooded

501 Reading Comprehension Questions

- 17.** The doctor got to the *crux* of the issue.
- outline
 - opposite
 - crucial point
 - unhealthy
- 18.** When people heard that timid Bob had taken up skydiving, they were *incredulous*.
- fearful
 - outraged
 - convinced
 - disbelieving
- 19.** The technical department enthusiastically hired Ms. Long because she was *proficient* in the use of computers.
- sincere
 - adequate
 - competent
 - skilled
- 20.** Even under tremendous public pressure, the planning committee would not commit itself wholeheartedly to the proposal and gave only *tentative* approval to the waterfront development plan.
- provisional
 - ambiguous
 - unnecessary
 - total
- 21.** The preacher used a *euphemism* for an unpleasant subject.
- ugly picture
 - substituted word
 - homeless person
 - visual aid

501 Reading Comprehension Questions

- 22.** Since the townspeople were so dissatisfied, various methods to *alleviate* the situation were debated.
- ease
 - tolerate
 - clarify
 - intensify
- 23.** That perfume always *evokes* pleasant memories.
- angers
 - erases
 - calls up
 - confuses
- 24.** The attorney wanted to *expedite* the process because her client was becoming impatient.
- accelerate
 - evaluate
 - reverse
 - justify
- 25.** The suspect gave a *plausible* explanation for his presence at the scene, so the police decided to look elsewhere for the perpetrator of the crime.
- unbelievable
 - credible
 - insufficient
 - apologetic
- 26.** He based his conclusion on what he *inferred* from the evidence, not on what he actually observed.
- predicted
 - imagined
 - surmised
 - implied

501 Reading Comprehension Questions

- 27.** The neighborhood-watch group presented its *ultimatum* at the town board meeting: Repave the streets or prepare for protests.
- earnest plea
 - formal petition
 - solemn promise
 - non-negotiable demand
- 28.** The editor of the newspaper needed to be sure the article presented the right information, so his review was *meticulous*.
- delicate
 - painstaking
 - superficial
 - objective
- 29.** The general public didn't care about the trial and was *apathetic* about the verdict.
- enraged
 - indifferent
 - suspicious
 - saddened
- 30.** The doctors were pleased that their theory had been *fortified* by the new research.
- reinforced
 - altered
 - disputed
 - developed
- 31.** The captain often *delegated* responsibility to his subordinates, so as to have time to do the important tasks himself.
- analyzed
 - respected
 - criticized
 - assigned

501 Reading Comprehension Questions

- 32.** The news about toxic waste dumping *aroused* the anger of many viewers of the news broadcast.
- informed
 - appeased
 - provoked
 - deceived
- 33.** The athlete was *adroit* at handling the ball.
- clumsy
 - large
 - obnoxious
 - skillful
- 34.** The new shipping and receiving building is an *expansive* facility, large enough to meet our growing needs.
- obsolete
 - meager
 - spacious
 - costly
- 35.** The attorneys were now certain they could not win the case, because the ruling had proved to be so *detrimental* to their argument.
- decisive
 - harmful
 - worthless
 - advantageous
- 36.** My brother drives us crazy by *crooning* in the shower.
- hooting
 - bellowing
 - crying
 - shouting
- 37.** Mark seems very *pensive* today.
- writing
 - hostile
 - cooped-up
 - thoughtful

501 Reading Comprehension Questions

- 38.** The air in the rainforest was *humid*, making the heat seem even more smothering than before.
- a. hot
 - b. damp
 - c. hazy
 - d. volatile
- 39.** The balloon, loose from its string, rose up into the sky, a shiny purple *sphere*.
- a. circle
 - b. globe
 - c. ovoid
 - d. nodule
- 40.** After the storm caused raw sewage to seep into the ground water, the Water Department had to take measures to *decontaminate* the city's water supply.
- a. refine
 - b. revive
 - c. freshen
 - d. purify
- 41.** Please say something that will *edify* the audience.
- a. perplex
 - b. annoy
 - c. instruct
 - d. amuse
- 42.** The volcano lies *dormant* now, but we feel sure that it will erupt again within the year.
- a. inactive
 - b. slack
 - c. elevated
 - d. inattentive

501 Reading Comprehension Questions

- 43.** Because of his disregard for the king's laws, the prince was punished by being *banished* from the kingdom.
- a. apart
 - b. kidnapped
 - c. exiled
 - d. spirited
- 44.** I *relinquished* my place in line to go back and talk with my friend Diane.
- a. defended
 - b. yielded
 - c. delayed
 - d. remanded
- 45.** He *juxtaposed* the book's ideas with current events, showing us how they related.
- a. caused confusion
 - b. bend and fold
 - c. placed side-by-side
 - d. threw away
- 46.** The thief *jostled* me in a crowd and was thus able to pick my pocket.
- a. mugged
 - b. bumped
 - c. assailed
 - d. hindered
- 47.** While we traveled in Italy, we stayed in an inexpensive *hostel*.
- a. inn
 - b. compound
 - c. home
 - d. four-star hotel

501 Reading Comprehension Questions

- 48.** My friend asked me to lie for her, but that is against my *philosophy*.
- a. principles
 - b. regulations
 - c. personality
 - d. introspection

Choose the best vocabulary word for questions 49–51.

- 49.** We had no idea who the special guest speaker would be, because the organizers of the event were so _____.
- a. animated
 - b. secretive
 - c. talented
 - d. emotional
- 50.** Cindy had some _____ about marrying George, because he was sometimes violent.
- a. enthusiasm
 - b. ignorance
 - c. trepidation
 - d. urgency
- 51.** He asked his wife to _____ the situation after she had offended the neighbor.
- a. rectify
 - b. exacerbate
 - c. ruminate
 - d. extend

501 Reading Comprehension Questions

Questions 52 and 53 are based on the following paragraph.

Rhesus monkeys use facial expressions to communicate with each other and to enforce social order. For example, the “fear grimace,” although it looks ferocious, is actually given by a _____ monkey who is intimidated by a _____ member of the group.

- 52.** What is the meaning of the underlined word *grimace* as it is used in the passage?
- a. wrinkle
 - b. contortion
 - c. shriek
 - d. simper
- 53.** Which pair of words, if inserted into the blanks in sequence, makes the most sense in the context of the passage?
- a. calm . . . aggressive
 - b. dominant . . . subordinate
 - c. confident . . . fearless
 - d. subordinate . . . dominant

SYNONYMS

Words that mean the same thing, or nearly the same thing. A few examples:

change, alter

happy, cheerful

cuddle, caress

overweight, obese

combine, unite

talkative, chatty

501 Reading Comprehension Questions

Questions 54 and 55 are based on the following paragraph.

In prolonged space flight, besides the obvious hazards of meteors, rocky debris, and radiation, astronauts will have to deal with muscle atrophy brought on by weightlessness; therefore, when they return to Earth, they face a protracted period of weight training to rebuild their strength.

- 54.** What is the most likely meaning of the underlined word *debris* as it is used in this passage?
- fragments
 - decay
 - bacteria
 - alien life
- 55.** The underlined word *atrophy*, as used in the paragraph, most nearly means
- pain.
 - wasting.
 - weakening.
 - cramping.

Question 56 is based on the following paragraph.

Most of the women in the orchestra wore conventional black skirts and white shirts during concerts and had their hair neatly pulled back. Robin, with her brightly colored clothing and unusual hair-styles, was considered quite eccentric.

- 56.** What is the meaning of the underlined word *eccentric* as it is used in the sentence?
- unconventional
 - joyful
 - unreliable
 - proud

501 Reading Comprehension Questions

Questions 57, 58, and 59 are based on the following paragraph.

Donna's memo caused much contention around the office last week. She may have meant well, but her usually caustic tone offended almost everybody. She has become a consistent nuisance at work, and probably should be fired.

- 57.** Based on the tone of the passage, which of the following words best describes the author's attitude toward Donna?
- a. exasperated
 - b. admiring
 - c. patronizing
 - d. isolated
- 58.** The underlined word *caustic*, as used in this passage, most nearly means
- a. cause and effect.
 - b. reoccurring.
 - c. biting.
 - d. unclear.
- 59.** What is the meaning of the underlined word contention as it is used in this passage?
- a. theorizing
 - b. discord
 - c. gossip
 - d. calm

2

Analogies

The dictionary defines an *analogy* as a “similarity in some respects between things that are otherwise dissimilar.” In each of the questions contained in this section, you will find a pair of related words. These words are separated by a colon, like this:

fish : scales

Read that to yourself as if the colon were the words “is to”—“fish *is to* scales.” Then, as you read through the possible answers, add “as” to the beginning of each answer—“fish is to scales *as* horse is to barn,” and so forth.

Look at those words and try to figure out how they are connected to one another. For example, what is the connection between the words *fish* and *scales*? Obviously, a fish is covered with scales; now think of two other

ANALOGY

Comparing two things that are not related in order to find similarities. “A fish is covered with scales, as a bird is covered with feathers.”

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words that share a similar relationship. A good example of this would be *bird* and *feathers*. The similarity between these two unrelated pairs of words is an analogy. The best way to approach an analogy question is to make up a sentence that describes the relationship between the first two words and find another pair in the choices that would fit into that same sentence. A fish *is covered with* scales, as a bird *is covered with* feathers.

The answers to this section begin on page 29.

See how many of the following questions you can answer correctly.

60. BUTTER : BREAD

- a. jam : jelly
- b. paint : wood
- c. toast : jelly
- d. head : foot
- e. yellow : blue

61. SHELF : BOOKCASE

- a. arm : leg
- b. stage : curtain
- c. bench : chair
- d. key : piano
- e. lamp : bulb

62. FISH : SCHOOL

- a. wolf : pack
- b. tiger : jungle
- c. herd : peacock
- d. raven : school
- e. dog : collie

63. SCALE : WEIGHT

- a. yardstick : length
- b. width : depth
- c. length : width
- d. size : area
- e. mileage : speed

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64. WATERMELON : FRUIT

- a. collar : leash
- b. dog : companion
- c. fish : bowl
- d. Dalmatian : canine
- e. apple : orange

65. FOOT : SKATEBOARD

- a. tire : automobile
- b. lace : shoe
- c. ounce : scale
- d. walk : jump
- e. pedal : bicycle

66. STRETCH : EXTEND

- a. tremble : roll
- b. thirsty : drink
- c. shake : tremble
- d. stroll : run
- e. stitch : tear

67. SHIELD : ARROW

- a. bow : quiver
- b. knight : horse
- c. umbrella : rain drops
- d. peony : flower
- e. boy : girl

68. STARVING : HUNGRY

- a. neat : thoughtful
- b. towering : cringing
- c. progressive : regressive
- d. happy : crying
- e. depressed : sad

501 Reading Comprehension Questions

- 69. DERMATOLOGIST : ACNE**
- a. psychologist : neurosis
 - b. child : pediatrician
 - c. ophthalmologist : fracture
 - d. oncologist : measles
 - e. allergies : orthopedist
- 70. FRAME : PICTURE**
- a. display : museum
 - b. shelf : refrigerator
 - c. mechanic : electrician
 - d. nail : hammer
 - e. fence : backyard
- 71. SEARCH : FIND**
- a. sleep : wake
 - b. explore : discover
 - c. draw : paint
 - d. think : relate
 - e. walk : run
- 72. PHARMACY : DRUGS**
- a. mall : store
 - b. doctor : medicine
 - c. bakery : bread
 - d. supermarket : discount store
 - e. toys : games
- 73. LAYER : TIER**
- a. section : segment
 - b. dais : speaker
 - c. curtain : stage
 - d. chapter : verse
 - e. cotton : bale

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74. METROPOLITAN : URBAN

- a. bucolic : rural
- b. sleepy : nocturnal
- c. agricultural : cow
- d. autumn : harvest
- e. agrarian : generous

75. TEACHER : SCHOOL

- a. actor : role
- b. mechanic : engine
- c. jockey : horse
- d. judge : courthouse
- e. author : book

76. CAR : GASOLINE

- a. truck : trailer
- b. car : garage
- c. bicycle : feet
- d. boat : ocean
- e. deck : house

77. RUN : JOG

- a. trot : race
- b. swim : dive
- c. dance : ballet
- d. juggle : bounce
- e. rain : drizzle

78. RADIO : TELEVISION

- a. electricity : lightning
- b. up : down
- c. ear : eye
- d. nose : face
- e. old : new

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- 79. TAILOR : SUIT**
- a. scheme : agent
 - b. edit : manuscript
 - c. revise : writer
 - d. mention : opinion
 - e. implode : building
- 80. CONDUCTOR : ORCHESTRA**
- a. jockey : mount
 - b. thrasher : hay
 - c. driver : tractor
 - d. skipper : crew
 - e. painter : house
- 81. CHICKEN : EGG**
- a. cow : milk
 - b. yesterday : today
 - c. boy : girl
 - d. toe : finger
 - e. hoof : mouth
- 82. COBBLER : SHOE**
- a. jockey : horse
 - b. contractor : building
 - c. mason : stone
 - d. cowboy : boot
 - e. potter : paint
- 83. PHOBIC : FEARFUL**
- a. finicky : thoughtful
 - b. cautious : emotional
 - c. envious : desiring
 - d. shy : familiar
 - e. ridiculous : silly

84. INTEREST : OBSESSION

- a. mood : feeling
- b. weeping : sadness
- c. dream : fantasy
- d. plan : negation
- e. highlight : indication

85. CAR : HEADLIGHT

- a. bicycle : moped
- b. tar : asphalt
- c. mail : stamp
- d. tree : branch
- e. pen : pencil

86. SLAPSTICK : LAUGHTER

- a. fallacy : dismay
- b. genre : mystery
- c. satire : anger
- d. mimicry : tears
- e. horror : fear

87. DOOR : HINGE

- a. doorknob : door bell
- b. wheel : axle
- c. airplane : bicycle
- d. root : soil
- e. chair : step

88. SOUND : CACOPHONY

- a. taste : style
- b. touch : massage
- c. smell : stench
- d. sight : panorama
- e. speech : oration

501 Reading Comprehension Questions

89. CONVICTION : INCARCERATION

- a. reduction : diminution
- b. induction : amelioration
- c. radicalization : estimation
- d. marginalization : intimidation
- e. proliferation : alliteration

90. UP : DOWN

- a. boy : girl
- b. burn : scald
- c. steam : water
- d. green : apple
- e. shoe : nose

91. UMBRAGE : OFFENSE

- a. confusion : penance
- b. infinity : meaning
- c. decorum : decoration
- d. elation : jubilation
- e. outrage : consideration

92. PROFESSOR : ERUDITE

- a. aviator : licensed
- b. inventor : imaginative
- c. procrastinator : conscientious
- d. overseer : wealthy
- e. moderator : vicious

93. DEPENDABLE : CAPRICIOUS

- a. fallible : cantankerous
- b. erasable : obtuse
- c. malleable : limpid
- d. capable : inept
- e. incorrigible : guilty

501 Reading Comprehension Questions

- 94. FROND : PALM**
- a. quill : porcupine
 - b. blade : evergreen
 - c. scale : wallaby
 - d. tusk : alligator
 - e. blade : fern
- 95. METAPHOR : SYMBOL**
- a. pentameter : poem
 - b. rhythm : melody
 - c. nuance : song
 - d. slang : usage
 - e. analogy : comparison
- 96. DIRGE : FUNERAL**
- a. chain : letter
 - b. bell : church
 - c. telephone : call
 - d. jingle : commercial
 - e. hymn : concerto
- 97. HAT : HEAD**
- a. cold : hot
 - b. winter : snow
 - c. clothes : closet
 - d. basic : advanced
 - e. glove : hand
- 98. SPY : CLANDESTINE**
- a. accountant : meticulous
 - b. furrier : rambunctious
 - c. lawyer : ironic
 - d. shepherd : garrulous
 - e. astronaut : opulent

501 Reading Comprehension Questions

99. SONG : VERSE

- a. big : small
- b. tune : sing
- c. puzzle : piece
- d. tuna : fish
- e. Kalamazoo : Michigan

100. AERIE : EAGLE

- a. capital : government
- b. bridge : architect
- c. unit : apartment
- d. kennel : veterinarian
- e. house : person

ANTONYMS

Words that mean the opposite of each other. A few examples:

come, go

fast, slow

bad, good

eager, hesitant

light, dark

skilled, unskilled

3

Main Ideas, Themes

Finding the *main idea* or *theme* of a written piece is one of the most important aspects of good reading comprehension. It is, however, easy to confuse the *main idea* or *theme* with the *subject*. Basically, the *subject* of a piece of writing is what that piece is *generally* about, plain and simple—the facts and information. However, when you look past the facts and information to the heart of what writers are trying to say, and why they are saying it, that’s the main idea or theme. For example, the subject of this introduction is about distinguishing between a subject and a main idea or theme; the main idea or theme is why it’s important to be able to recognize that difference. The main idea is the point that the writer is trying to help the reader understand, whereas the topic is what the writer is using to get a main ideas across.

SUBJECT

What the passage is about—who or what is being discussed or described.

501 Reading Comprehension Questions

The answers to this section begin on page 37.

Read the following paragraphs and carefully determine what the *main idea* is for each. The best way to approach these questions is to first read the paragraph and then, in your own words, restate what you think the author is trying to say. From the five choices, select the one statement that best supports the author's point.

The best recipes for clam chowder all include onions and a bay leaf. The onions add a sharpness and zest to the blandness of the clams, and also help remove their slimy texture. The bay leaf complements the onion's strong flavor.

- 101.** This paragraph best supports the statement that
- onions were once thought to be poisonous.
 - bay leaves are essential in many soups.
 - clam chowder is very nutritious.
 - onions and bay leaves go well with clams.
 - clams should not be overcooked.

Main Idea

The opinion or idea the writer is trying to explain—what the writer wants to say to the reader.

501 Reading Comprehension Questions

One New York publisher has estimated that 50,000 to 60,000 people in the United States want an anthology that includes the complete works of William Shakespeare. And what accounts for this renewed interest in Shakespeare? As scholars point out, the psychological insights he portrays in both male and female characters are amazing even today.

- 102.** This paragraph best supports the statement that
- a. Shakespeare's characters are more interesting than fictional characters today.
 - b. people today are interested in Shakespeare's work because of the characters.
 - c. academic scholars are putting together an anthology of Shakespeare's work.
 - d. New Yorkers have a renewed interest in the work of Shakespeare.
 - e. Shakespeare was a psychiatrist as well as a playwright.

Critical reading is a demanding process. To read critically, you must slow down your reading and, with pencil in hand, perform specific operations on the text. Mark up the text with your reactions, conclusions, and questions. When you read, become an active participant.

- 103.** This paragraph best supports the statement that
- a. critical reading is a slow, dull, but essential process.
 - b. the best critical reading happens at critical times in a person's life.
 - c. readers should get in the habit of questioning the truth of what they read.
 - d. critical reading requires thoughtful and careful attention.
 - e. critical reading should take place at the same time each day.

501 Reading Comprehension Questions

There are no effective boundaries when it comes to pollutants. Studies have shown that toxic insecticides that have been banned in many countries are riding the wind from countries where they remain legal. Compounds such as DDT and toxaphene have been found in remote places like the Yukon and other Arctic regions.

- 104.** This paragraph best supports the statement that
- toxic insecticides such as DDT have not been banned throughout the world.
 - more pollutants find their way into polar climates than they do into warmer areas.
 - studies have proven that many countries have ignored their own anti-pollution laws.
 - DDT and toxaphene are the two most toxic insecticides in the world.
 - even a worldwide ban on toxic insecticides would not stop the spread of DDT pollution.

The Fourth Amendment to the Constitution protects citizens against unreasonable searches and seizures. No search of a person's home or personal effects may be conducted without a written search warrant issued on probable cause. This means that a neutral judge must approve the factual basis justifying a search before it can be conducted.

- 105.** This paragraph best supports the statement that the police cannot search a person's home or private papers unless they have
- legal authorization.
 - direct evidence of a crime.
 - read the person his or her constitutional rights.
 - a reasonable belief that a crime has occurred.
 - requested that a judge be present.

501 Reading Comprehension Questions

Mathematics allows us to expand our consciousness. Mathematics tells us about economic trends, patterns of disease, and the growth of populations. Math is good at exposing the truth, but it can also perpetuate misunderstandings and untruths. Figures have the power to mislead people.

- 106.** This paragraph best supports the statement that
- a. the study of mathematics is dangerous.
 - b. words are more truthful than figures.
 - c. the study of mathematics is more important than other disciplines.
 - d. the power of numbers is that they cannot lie.
 - e. figures are sometimes used to deceive people.

Black-and-white camera film, in the old days of film photography, was very sensitive to blue light but not to red light. Blue skies would often show very little detail, because the film couldn't record all that it was seeing. To compensate, photographers would put a red filter on the lens, darkening the sky enough that the film could record its fluffy clouds.

- 107.** This paragraph best supports the statement that
- a. red filters were very popular in the old days of photography.
 - b. infrared rays are invisible to the naked eye.
 - c. black-and-white photography used to be very popular.
 - d. red filters cut out some blue light on black and white film.
 - e. blue filters cut out red light.

501 Sentence Completion Questions

Today's postal service is more efficient than ever. Mail that once took months to move by horse and foot now moves around the country in days or hours by truck, train, and plane. If your letter or package is urgent, the U.S. Postal Service offers Priority Mail and Express Mail services. Priority Mail is guaranteed to go anywhere in the United States in two days or less. Express Mail will get your package there overnight.

- 108.** This paragraph best supports the statement that
- more people use the post office for urgent deliveries than any other delivery service.
 - Express Mail is a good way to send urgent mail.
 - Priority Mail usually takes two days or less.
 - mail service today is more effective and dependable.
 - mail was once delivered by horse and foot.

Reality TV shows will have an adverse effect on traditional dramas and comedies. As reality TV increases in popularity, network executives will begin canceling more traditional programs and replacing them with the latest in reality TV.

- 109.** This paragraph best supports the statement that
- reality TV is low quality.
 - reality TV shows get the highest ratings.
 - more and more people love to watch and participate in reality TV.
 - as reality TV gets more popular, more traditional television shows may be threatened.
 - network executives make hasty and unwise decisions.

When winding an old clock, it is important not to overwind it. Overwinding occurs when the mainspring is almost fully wound, but the operator continues to turn the winding key. This causes the main spring to coil too tightly, and might even break it.

- 110.** This paragraph best supports the statement that
- clocks have changed over the years.
 - old-fashioned clocks become fragile with age.
 - old-fashioned clocks were operated by an internal spring.
 - overwinding clocks used to be a common mistake.
 - time flies when you're having fun.

4

Topic Sentences

In the last section, you learned what a main idea is. Often, writers express their main idea in a clearly defined sentence known as a *topic sentence*. Topic sentences are usually found at the beginning of a paragraph in order to immediately establish the main idea. But this is not always the case—topic sentences can be found anywhere in a paragraph, and sometimes, the author chooses not to use one at all. Still, looking for the topic sentence is a good skill to have when ferreting out the meaning of a reading passage.

TOPIC

What a passage is about—the subject being discussed.

501 Reading Comprehension Questions

The answers to this section begin on page 46.

For the following three questions, choose the topic sentence that best fits the paragraph.

- 111.** The term *spices* is a pleasant one, whether it connotes fine French cuisine or a down-home, cinnamon-flavored apple pie. _____ . In the past, individuals traveled the world seeking exotic spices for profit and, in searching, have changed the course of history. Indeed, to gain control of lands harboring new spices, nations have actually gone to war.
- a. The taste and aroma of spices are the main elements that make food such a source of fascination and pleasure.
 - b. The term might equally bring to mind Indian curry made thousands of miles away and those delicious barbecued ribs sold on the corner.
 - c. It is exciting to find a good cookbook and experiment with spices from other lands—indeed, it is one way to travel around the globe!
 - d. The history of spices, however, is another matter altogether, and at times, it can be filled with danger and intrigue.
- 112.** It weighs less than three pounds and is hardly more interesting to look at than an overly ripe cauliflower. _____ . It has created poetry and music, planned and executed horrific wars, and devised intricate scientific theories. It thinks and dreams, plots and schemes, and easily holds more information than all the libraries on Earth.
- a. The human brain is made of gelatinous matter and contains no nerve endings.
 - b. The science of neurology has found a way to map the most important areas of the human brain.
 - c. Nevertheless, the human brain is the most mysterious and complex object on Earth.
 - d. However, scientists say that each person uses only 10% of his or her brain over the course of a lifetime!

TOPIC SENTENCE

A sentence that introduces or defines the topic of a paragraph. This is frequently the first sentence in a paragraph—but not always.

- 113.** _____ . It rained in April; it rained in May. It rained in the mornings; it rained in the afternoons. It poured, it drizzled, it showered, it misted—but always it rained. But the good news is we won't have a drought this summer.
- The rain makes me gloomy.
 - This spring was the rainiest on record.
 - Rain is nice, but I prefer sunshine.
 - Scientists know very little about the global climate.

For the following questions, a topic sentence is given. Try choosing the sentence that best develops or supports it.

- 114.** A fireplace should be lined with special fire bricks to prevent heat transfer.
- Normal bricks are not dense enough to withstand excessive heat.
 - Fire codes also require a smoke alarm in every room.
 - Good up-drafts can make a pleasant fire, however.
 - Modern houses don't use as much lumber as older homes did.
- 115.** Cosmetic plastic surgery is one of the fastest-growing segments of U.S. medicine.
- Cosmetic plastic surgery can have dangerous side effects, some of which can be fatal.
 - Americans are eager to make their bodies as perfect as possible and to minimize the visible signs of aging.
 - The price of cosmetic plastic surgery is also on the rise.
 - This increase in cosmetic plastic surgery says something quite disturbing about our culture.

501 Reading Comprehension Questions

- 116.** If a car suddenly begins to skid on ice, a driver's instinctive reaction might be the wrong one.
- Skids can be a terrifying experience.
 - Cars can be very unpredictable on ice.
 - Many people instinctively turn the wheel in the wrong direction, making the skid worse.
 - New tires can help reduce the risk of skidding on ice.
- 117.** The "lead" inside the common pencil is actually not lead at all.
- Lead is commonly mined in Africa.
 - Pencils were invented in 1603 by William Ledbelly.
 - Even when sharpened, a pencil may not write as well as a pen.
 - The substance used in pencils today is graphite.
- 118.** The Greek ideal of the hero most closely resembles today's free-agent superstar.
- A superstar is an athlete who commands a great salary based on his individual skills.
 - The Greek warrior's focus was on grasping at immortality, and he did this by ensuring that his name would live on, long after he died.
 - The Greek hero valued self-interest above loyalty to a cause, his king, or to his army, just as the free-agent superstar values his contract salary above any special team, coach, or the game.
 - The Greek hero was impressive in his performance on the battlefield as well as in the sports arena.
- 119.** There is no instruction by the old bird in the movements of flight; no conscious imitation by the young.
- The most obvious way in which birds differ from humans in behavior is that they can do all that they have to do, without ever being taught.
 - More extraordinary than the fact that a bird is able to fly untaught, is that it is able to build a nest untaught.
 - Young birds frequently make their first flights with their parents out of sight.
 - Young birds brought up in artificial environments will build the proper kind of nest for their species when the time comes.

501 Reading Comprehension Questions

- 120.** Parents play an important role in their children's academic success.
- Video games have a negative impact on children's academic success.
 - Studies show that children of parents who regularly assist with homework and show an active interest in their child's studies bring home better grades.
 - Studies show that watching less television and spending less time playing video games help children get better grades.
 - Children who are avid readers get much better grades than their peers.
- 121.** In special cases, needy people who have nowhere else to go are permitted to enter the United States as refugees.
- Other people, however, enter the United States illegally.
 - The total number of newcomers was over one million.
 - United States immigration laws put limits on the number of people permitted to enter the United States.
 - As many as 12 million people may be living in the United States illegally.
- 122.** Most common weed killers work by poisoning the root of the plant.
- Weed killer can be dangerous to pets.
 - Some weeds can grow even during drought.
 - When using weed killer, always wear gloves.
 - The poison is absorbed by the leaves and carried down to the roots.
- 123.** More and more people are eating organically grown fruits and vegetables.
- Organic food is usually more expensive than non-organic food.
 - A wide variety of organic chocolate products are now available in stores.
 - Raw foods are enjoying increasing popularity, now that people are discovering how a raw-foods diet leaves you feeling and looking great.
 - Fresh organic produce contains more vitamins, minerals, and enzymes than non-organic produce.

501 Reading Comprehension Questions

- 124.** In Oklahoma, a girl is forbidden to take a bite from her date's hamburger.
- It's illegal for teenagers to take a bath during the winter in Clinton, Indiana.
 - Youngsters may not spin Yo-Yos on Sunday in Memphis, Tennessee.
 - It may be hard to believe, but these types of strange laws are still on the books!
 - It is illegal to parade an elephant down Main Street in Austin, Texas.
- 125.** A cat's whiskers are among the most perfect organs of touch.
- The hairs themselves are very sensitive.
 - Whiskers are generally white in color.
 - Touch is very important to a cat.
 - Dogs have very sensitive noses.
- 126.** French explorers probably taught the Inuit Eskimos how to play dominoes.
- It was known in 181 A.D. in China.
 - Also, it was played during the eighteenth century in Italy.
 - The game of dominoes has been popular for centuries.
 - From Italy, it was then introduced to the rest of the world.
- 127.** People are now living longer than ever before for many different reasons.
- Some people in the Soviet Union's Caucasus Mountains live to be over 100 years of age.
 - No one seems to understand this phenomenon.
 - Advances in medical science have done wonders for longevity.
 - The people in this region do not seem to gain anything from medical science.
- 128.** For 16 years, he spread violence and death throughout the west.
- Jesse was gunned down on April 3, 1882.
 - He left a trail of train and bank robberies.
 - His crimes were committed during the late 1860s.
 - Jesse Woodson James was the most legendary of all American outlaws.

501 Reading Comprehension Questions

For the final two questions, choose the sentence that does not support the given topic sentence.

- 129.** In ancient Greece, honor was not just the domain of the warrior.
- a. A great orator [speaker], who could sway the public with his logic and wit, was greatly respected.
 - b. A revered poet's name lived on long after he died.
 - c. Great wealth was characteristic of the truly great kings.
 - d. A warrior's quest for the esteem of his peers would bring him great prizes, which would secure a long-lasting reputation.
- 130.** In *Moby Dick*, Herman Melville wrote that the whale men were "enveloped in whale lines," that each man relied on the others during moments of danger.
- a. The small boats that pursued the whales left the whaling ship far behind; each man in a boat had to depend on the others to stay alive.
 - b. Once the whale was harpooned, the whale line unraveled so fast that water had to be poured on it to keep it from smoking.
 - c. The whale line was the rope, dozens of yards long, that attached to the harpoon; it was raveled under the seats of all the men metaphorically connecting each man to the next.
 - d. One wrong move and the line would snap a man right out of the boat; thus, his life depended on whether the crew would cut the whale loose to save him, or leave him in the ocean during the heat of the hunt.

5

Short Passages

In this section, you will find short passages (one and two paragraph), accompanied by questions that ask you to identify explicit information, analyze, and interpret what is written. This is your first chance to use everything you’ve learned so far. Pay special attention to the details and the facts, and make a habit of trying to identify the author’s main idea; also, try to think of the author’s motive for writing the passage. Ask the questions, “*Who? What? When? Where? How? and Why?*” Is the author’s purpose to inform you of facts, persuade you of something, or simply to entertain you?

As you read, try marking up the passages or taking notes. The more active a reader you are, the more likely that you will understand and fully enjoy what you read.

INFERENCE

Using information that is stated in a passage to draw a conclusion that is *not* stated. For example, “The furry animal sat in her master’s lap, purring contently.”

You might conclude that the “furry animal” is a cat, given the information—and that would be an inference.

501 Reading Comprehension Questions

The answers to this section begin on page 79.

Some of the questions following the passages ask you to make *inferences* from the passages. To *infer* means to arrive at a conclusion by reasoning from evidence. Synonyms for *infer* are *deduce*, *judge*, or *conclude*. If you are told to *infer* something from a passage, you are basically being asked what conclusions can be drawn from the content of the story. Tip: If you replace the word *infer* with *conclude* in a question, it may make more sense to you.

In cities throughout the country, there is a new direction in local campaign coverage. Frequently in local elections, journalists are not giving voters enough information to understand the issues and evaluate the candidates. The local news media devotes too much time to scandal and not enough time to policy.

- 131.** This paragraph best supports the statement that the local news media
- a. is not doing an adequate job when it comes to covering local campaigns.
 - b. does not understand either campaign issues or politics.
 - c. should learn how to cover politics by watching the national news media.
 - d. has no interest in covering stories about local political events.

The use of desktop computer equipment and software to create high-quality documents such as newsletters, business cards, letterhead, and brochures is called Desktop Publishing, or DTP. The most important part of any DTP project is planning. Before you begin, you should know your intended audience, the message you want to communicate, and what form your message will take.

- 132.** The paragraph best supports the statement that
- a. Desktop Publishing is one way to become acquainted with a new business audience.
 - b. computer software is continually being refined to produce high-quality printing.
 - c. the first stage of any proposed DTP project should be organization and design.
 - d. the planning stage of any DTP project should include talking with the intended audience.

501 Reading Comprehension Questions

The entire low-carbohydrate versus low-fat diet argument is so prevalent that one would think that these are the only two options available for losing weight and staying healthy. Some experts even feel that the low-carb/low-fat debate distracts us from an even more important issue—our culture’s reliance on processed and manufactured foods.

- 133.** The paragraph best supports the statement that
- experts state that not all fats are equal, so we need not reduce our intake of all fats; just those that contain partially hydrogenated oils.
 - important health concerns get overlooked when we focus exclusively on the low-fat versus low-carb question.
 - low-carbohydrate diets lead to significant and sustained weight loss.
 - processed foods can lead to many adverse health problems including heart disease, cancer, diabetes, and obesity.

Every year, Americans use over one billion sharp objects to administer healthcare in their homes. These sharp objects include lancets, needles, and syringes. If not disposed of in puncture-resistant containers, they can injure sanitation workers. Sharp objects should be disposed of in hard plastic or metal containers with secure lids. The containers should be clearly marked and be puncture resistant.

- 134.** The paragraph best supports the idea that sanitation workers can be injured if they
- do not place sharp objects in puncture-resistant containers.
 - come in contact with sharp objects that have not been placed in secure containers.
 - are careless with sharp objects such as lancets, needles, and syringes in their homes.
 - do not mark the containers they pick up with a warning that those containers contain sharp objects.

501 Reading Comprehension Questions

Litigation is not always the only or best way to resolve conflicts. Mediation offers an alternative approach and it is one that can be quite efficient and successful. Mediation can be faster, less expensive, and can lead to creative solutions not always possible in a court of law. Additionally, mediation focuses on mutually acceptable solutions, rather than on winning or losing.

- 135.** This paragraph best supports the idea that
- a. there is too much reliance on litigation in our society.
 - b. litigation is expensive, slow, and limited by its reliance on following the letter of the law.
 - c. mediation is the best way to resolve a crisis.
 - d. mediation can be an effective way to resolve conflicts.

One of the missions of the Peace Corps is to help the people of interested countries meet their need for trained men and women. People who work for the Peace Corps do so because they want to, but to keep the agency dynamic with fresh ideas, no staff member can work for the agency for more than five years.

- 136.** The paragraph best supports the statement that Peace Corps employees
- a. are highly intelligent people.
 - b. must train for about five years.
 - c. are hired for a limited term of employment.
 - d. have both academic and work experience.

501 Reading Comprehension Questions

More and more office workers telecommute from offices in their own homes. The upside of telecommuting is both greater productivity and greater flexibility. Telecommuters produce, on average, 20% more than if they were to work in an office, and their flexible schedule allows them to balance both their family and work responsibilities.

- 137.** The paragraph best supports the statement that telecommuters
- a. get more work done in a given time period than workers who travel to the office.
 - b. produce a better quality work product than workers who travel to the office.
 - c. are more flexible in their ideas than workers who travel to the office.
 - d. would do 20% more work if they were to work in an office.

Sushi, the thousand-year-old Japanese delicacy, started small in the United States, in a handful of restaurants in big cities. Today, sushi consumption in America is 50% greater than it was ten years ago and not just in restaurants. Sushi is also sold at concession stands in sports stadiums, university dining halls, and in supermarkets throughout the country.

- 138.** This paragraph best supports the statement that
- a. sushi is now a fast food as popular as hot dogs, burgers, and fries.
 - b. more sushi is sold in restaurants than in supermarkets.
 - c. Americans are more adventurous eaters than they were in the past.
 - d. sushi wasn't always widely available in the United States.

501 Reading Comprehension Questions

Today's shopping mall has as its antecedents historical marketplaces, such as Greek *agoras*, European *piazzas*, and Asian *bazaars*. The purpose of these sites, as with the shopping mall, is both economic and social. People not only go to buy and sell wares, but also to be seen, catch up on news, and be part of the human drama.

- 139.** The paragraph best supports the statement that
- modern Americans spend an average of 15 hours a month in shopping malls.
 - shopping malls serve an important purpose in our culture.
 - shopping malls have a social as well as commercial function.
 - there are historical antecedents for almost everything in contemporary society.

Many animals hibernate during parts of the year, entering a state that is similar to a very deep sleep. But hibernation is more than simply a deep sleep. The animal's body temperature drops well below its normal range, the animal does not wake up for a long period of time, and its metabolism slows to the point that the animal does not need to eat or relieve itself during that period.

In order to prepare for hibernation, the animal must build up its body weight and increase its body fat. This is important, since the animal will be living off its own body fat during the months of hibernation. Of course, once the period of hibernation is over, the animal "wakes up" to find itself slim and trim once again!

- 140.** How does an animal prepare for hibernation?
- It exercises for two months.
 - It gradually increases its sleeping habits.
 - It grows extra fur.
 - It eats more food than usual.
- 141.** This passage best supports the statement that
- all animals hibernate to some degree.
 - food is scarce in the winter.
 - hibernation is very different from normal sleep.
 - bears hibernate every year.

501 Reading Comprehension Questions

Patrick Henry is considered one of the great patriots of America's early history. He was a leader in every protest against British tyranny and in every movement for colonial rights, openly speaking against the unfair taxation and overly burdensome regulations imposed upon the American colonists by the British Parliament.

In March 1775, Patrick Henry urged his fellow Virginians to arm themselves in self-defense. He spoke boldly in Richmond, Virginia, during the meeting of the state legislature. He closed that famous speech with the immortal words, "I know not what course others may take; but as for me, give me liberty or give me death."

- 142.** This passage best supports the statement that
- a. Patrick Henry later became a governor of West Virginia.
 - b. the Virginia legislature was not listening to Henry's speech.
 - c. Patrick Henry was willing to lay down his life for his country.
 - d. People in Colonial times faced harsh living conditions.
- 143.** Which of the following would be the most appropriate title for this passage?
- a. The Speeches of Patrick Henry
 - b. Patrick Henry, American Patriot
 - c. Early American Patriots
 - d. History of the Virginia Legislature

Ratatouille is a dish that has grown in popularity over the last few years. It features eggplant, zucchini, tomatoes, peppers, and garlic chopped, mixed, sautéed, and finally, cooked slowly over low heat. As the vegetables cook slowly, they make their own broth, which may be extended with a little tomato paste. The name *ratatouille* comes from the French word *touiller*, meaning to stir or mix together.

- 144.** Which of the following is the correct order of steps for making ratatouille?
- a. chop vegetables, add tomato paste, stir or mix together
 - b. mix the vegetables together, sauté them, and add tomato paste
 - c. cook the vegetables slowly, mix them together, add tomato paste
 - d. add tomato paste to extend the broth and cook slowly over low heat

501 Reading Comprehension Questions

- 145.** Ratatouille can best be described as a
- French pastry.
 - sauce to put over vegetables.
 - pasta dish extended with tomato paste.
 - vegetable stew.

The competitive civil-service system is designed to give candidates fair and equal treatment and to ensure that federal applicants are hired based on objective criteria. Hiring has to be based solely on a candidate's knowledge, skills, and abilities (which you'll sometimes see abbreviated as *ksa*), and not on external factors such as race, religion, sex, and so on. Whereas employers in the private sector can hire employees for subjective reasons, federal employers must be able to justify their decision with objective evidence that the candidate is qualified.

- 146.** The paragraph best supports the statement that
- hiring in the private sector is inherently unfair.
 - ksa* is not as important as test scores to federal employers.
 - federal hiring practices are simpler than those employed by the private sector.
 - the civil service strives to hire on the basis of a candidate's abilities.
- 147.** The federal government's practice of hiring on the basis of *ksa* frequently results in the hiring of employees
- based on race, religion, sex, and so forth.
 - who are unqualified for the job.
 - who are qualified for the job.
 - on the basis of subjective judgment.

501 Reading Comprehension Questions

It is well known that the world urgently needs adequate distribution of food, so that everyone gets enough. Adequate distribution of medicine is just as urgent. Medical expertise and medical supplies need to be redistributed throughout the world so that people in emerging nations will have proper medical care.

- 148.** This paragraph best supports the statement that
- the majority of the people in the world have no medical care.
 - medical resources in emerging nations have diminished in the past few years.
 - not enough doctors give time and money to those in need of medical care.
 - many people who live in emerging nations are not receiving proper medical care.

Knitting has made a major comeback. People are knitting on college campuses, in coffee shops, and in small knitting groups throughout the United States. New knitting stores, many with cafes, are popping up all over, and there are more knitting books and magazines being published than ever before. And not all of these knitters are women: As knitting continues to surge in popularity, men are picking up knitting needles in record numbers.

- 149.** The paragraph best supports the statement that
- joining a knitting group is a great way to make new friends.
 - some people knit because it helps them relax and release stress.
 - today's knitter is not the stereotypical grandmother in a rocking chair.
 - as is the case with all fads, this new obsession with knitting will fade quickly.

501 Reading Comprehension Questions

Everyone is sensitive to extreme weather conditions. But with age, the body may become less able to respond to long exposure to very hot or very cold temperatures. Some older people might develop hypothermia when exposed to cold weather. Hypothermia is a drop in internal body temperature, which can be fatal if not detected and treated.

- 150.** The paragraph best supports the statement that
- cold weather is more dangerous for older people than warm weather.
 - hypothermia is a condition that only affects older people.
 - older people who live in warm climates are healthier than older people who live in cold climates.
 - an older person is more susceptible to hypothermia than a younger person.

Whether you can accomplish a specific goal or meet a specific deadline depends first on how much time you need to get the job done. What should you do when the demands of the job exceed the time you have available? The best approach is to divide the project into smaller pieces. Different goals will have to be divided in different ways, but one seemingly unrealistic goal can often be accomplished by working on several smaller, more reasonable goals.

- 151.** The main idea of the passage is that
- jobs often remain only partially completed because of lack of time.
 - the best way to complete projects is to make sure your goals are achievable.
 - the best way to tackle a large project is to separate it into smaller parts.
 - the best approach to a demanding job is to delegate responsibility.

501 Reading Comprehension Questions

Health clubs have undergone a major transformation that can be described in three words: mind, body, and spirit. Loud, fast, heart-thumping aerobics has been replaced by the hushed tones of yoga and the controlled movements of Pilates. The clubs are responding to the needs of their customers who are increasingly looking for a retreat from their hectic lifestyles and a way to find a healthy balance in their lives by nurturing their whole selves.

- 152.** The main idea of the paragraph is that
- a. exercise is less important now than it once was.
 - b. health clubs are much less popular now than they were ten years ago.
 - c. many health clubs will go out of business because of the decline in traditional exercise.
 - d. people's desire to nurture all aspects of themselves has contributed to big changes for health clubs.

For most judges, sentencing a person who has been convicted of a crime is a difficult decision. In the majority of jurisdictions throughout the country, judges have few sentencing options from which to choose. Generally, their options are confined to a fine, probation, or incarceration. Crimes, however, cover a wide spectrum of criminal behavior and motivation, and a wide variety of sanctions should be available.

- 153.** The main idea of the paragraph is that
- a. there should be laws that dictate which sentence a judge should hand down.
 - b. someone other than a judge should be allowed to sentence a criminal.
 - c. judges should be given more sentencing options from which to choose.
 - d. more money should be spent on the criminal justice system.

501 Reading Comprehension Questions

Before you begin to compose a business letter, sit down and think about your purpose in writing the letter. Do you want to request information, order a product, register a complaint, or apply for something? Do some brainstorming and gather information before you begin writing. Always keep your objective in mind.

- 154.** The main idea of the passage is that
- a. planning is an important part of writing a business letter.
 - b. business letters are frequently complaint letters.
 - c. brainstorming and writing take approximately equal amounts of time.
 - d. many people fail to plan ahead when they are writing a business letter.

Keeping busy at important tasks is much more motivating than having too little to do. Today's employees are not afraid of responsibility. Most people are willing to take on extra responsibility in order to have more variety in their positions. In addition, along with that responsibility should come more authority to independently carry out some important tasks.

- 155.** The main idea of the paragraph is that
- a. variety and independence on the job increase employee motivation.
 - b. to avoid boredom, many people do more work than their jobs require of them.
 - c. today's employees are demanding more independence than ever before.
 - d. office jobs in the past have carried less responsibility.

501 Reading Comprehension Questions

Managing job and family is not simple. Both commitments make strong demands on people and are sometimes in direct opposition to each other. Saying yes to one means saying no to the other, and stress can often result. Being realistic and creating a balance in life can help set priorities.

- 156.** The main idea of the paragraph is that
- a. most family responsibilities cause stress at home and at work.
 - b. because it pays the bills, a job must take priority over other commitments.
 - c. it is important to have a balance between job and family responsibilities.
 - d. because they are so important, family duties must take priority over the job.

Women business owners are critically important to the American economy, yet women still face unique obstacles in the business world. The U.S. Small Business Administration offers a variety of programs and services to help women-owned businesses succeed and to advocate for women entrepreneurs.

- 157.** This paragraph best supports the statement that women business owners
- a. have more success in the United States than in other countries.
 - b. cannot succeed without outside help.
 - c. may find the Small Business Administration a useful resource.
 - d. should not make any major decisions without seeking the advice of the Small Business Administration.

501 Reading Comprehension Questions

Passages in this section can have one to six questions following. You must respond accordingly.

Use of electronic mail (e-mail) has been widespread for more than a decade. E-mail simplifies the flow of ideas, connects people from distant offices, eliminates the need for meetings, and often boosts productivity. However, e-mail should be carefully managed to avoid unclear and inappropriate communication. E-mail messages should be concise and limited to one topic. When complex issues need to be addressed, phone calls are still best.

- 158.** The main idea of the paragraph is that e-mail
- a. is not always the easiest way to connect people from distant offices.
 - b. has changed considerably since it first began a decade ago.
 - c. causes people to be unproductive when it is used incorrectly.
 - d. is effective for certain kinds of messages but only if managed wisely.
- 159.** Which of the following would be the most appropriate title for the passage?
- a. Appropriate Use of E-Mail
 - b. E-Mail's Popularity
 - c. E-Mail: The Ideal Form of Communication
 - d. Why Phone Calls Are Better Than E-Mail

Native American art often incorporates a language of abstract visual symbols. The artist gives a poetic message to the viewer, communicating the beauty of an idea, either by using religious symbols or a design from nature such as rain on leaves or sunshine on water. The idea communicated may even be purely whimsical, in which case the artist might start out with symbols developed from a bird's tracks or a child's toy.

- 160.** The main idea of the passage is that Native American art
- a. is purely poetic and dreamlike.
 - b. is usually abstract, although it can also be poetic and beautiful.
 - c. communicates the beauty of ideas through the use of symbols.
 - d. is sometimes purely whimsical.

EXPLICIT

Something that is clearly stated in a passage. For example, “John is not in the office because he is late for work.”

This *explicitly* states why John is not in the office—because he is late.

In criminal cases, the availability of readable fingerprints is often critical in establishing evidence of a major crime. It is necessary, therefore, to follow proper procedures when taking fingerprints. In major cases, prints should be obtained from all persons who may have touched areas associated with a crime scene, for elimination purposes.

- 161.** The main idea of the paragraph is that
- because fingerprints are so important in many cases, it is important to follow the correct course in taking them.
 - all fingerprints found at a crime scene should be taken and thoroughly investigated.
 - if the incorrect procedure is followed in gathering fingerprints, the ones taken may be useless.
 - the first step in investigating fingerprints is to eliminate those of non-suspects.
- 162.** The paragraph best supports the statement that
- no crimes can be solved without readable fingerprints.
 - all persons who have touched an area in a crime scene are suspects.
 - all fingerprints found at a crime scene are used in court as evidence.
 - all persons who have touched a crime-scene area should be fingerprinted.

501 Reading Comprehension Questions

The city will be enforcing winter parking rules from December 1 through March 31, according to City Street Manager Joseph Parks. This includes alternate-side parking regulations, as well as tow-away zones and handicap exceptions.

Cars are to be parked on the south and east sides of streets between the hours of 8 A.M. and midnight; and on the north and west sides of streets between midnight and 8 A.M. This is to permit snow plows and emergency vehicles access to all neighborhoods, as well as to keep rush-hour traffic to a minimum.

Vehicles that do not follow these guidelines will be towed at the owner's expense, Parks said, with the exception of those vehicles displaying handicapped parking permits.

- 163.** What is the main idea of this passage?
- a. Cars should be parked on the street.
 - b. Snow plows can bury cars under snow.
 - c. Winter parking regulations will be put into effect.
 - d. Winter parking regulations are good for the environment.
- 164.** When should cars be parked on the west side of the street?
- a. between 8 A.M. and midnight
 - b. between midnight and 8 A.M.
 - c. between December 1 and March 31
 - d. not stated
- 165.** Which of the following is NOT a reason for these parking regulations to be followed?
- a. They prevent excessive traffic.
 - b. It's good for the cars to be moved frequently in cold weather.
 - c. It allows snow plows to get through.
 - d. They enable emergency vehicles to gain access to all neighborhoods.

Once people wore garlic around their necks to ward off disease. Today, most Americans would scoff at the idea of wearing a necklace of garlic cloves to enhance their well-being. However, you might find a number of Americans willing to ingest capsules of pulverized garlic or other herbal supplements in the name of health.

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Complementary and alternative medicine, which includes a range of practices outside of conventional medicine such as herbs, homeopathy, massage therapy, yoga, and acupuncture, hold increasing appeal for Americans. In fact, according to one estimate, 42% of Americans have used alternative therapies. In all age groups, the use of unconventional healthcare practices has steadily increased in the last 30 years, and the trend is likely to continue, although people born before 1945 are the least likely to turn to these therapies.

Why have so many patients turned to alternative therapies? Many are frustrated by the time constraints of managed care and alienated by conventional medicine's focus on technology. Others feel that a holistic approach to healthcare better reflects their beliefs and values. Others seek therapies that relieve symptoms associated with chronic disease; symptoms that mainstream medicine cannot treat.

Some alternative therapies have even crossed the line into mainstream medicine, as scientific investigation has confirmed their safety and efficacy. For example, physicians may currently prescribe acupuncture for pain management or to control the nausea associated with chemotherapy. Additionally, many U.S. medical schools teach courses in alternative therapies, and many health insurance companies offer some alternative medicine benefits.

- 166.** What is the main idea of this passage?
- Alternative medicine is now a big business in the United States with more Americans seeking it out than ever before.
 - Today, it is not unusual for mainstream doctors to incorporate alternative therapies into their practice.
 - Over the last few decades, alternative medicine has become more popular, accepted, and practiced in the United States.
 - People are tired of conventional medicine's focus on technology.
- 167.** According to the passage, which practice would not be defined as alternative medicine?
- pain management
 - acupuncture
 - taking herbal garlic supplements
 - massage therapy

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- 168.** Based on the information given, what kind of person would be least likely to seek out alternative medical treatment?
- a. a senior citizen suffering from chemotherapy-induced nausea
 - b. a young woman suffering from chronic fatigue syndrome
 - c. a 45-year-old man who believes that his body and mind must be treated together.
 - d. a 25-year-old track star with chronic back pain
- 169.** The passage indicates that alternative treatments are increasingly being used by mainstream medical professionals because
- a. more and more Americans are demanding alternative therapies.
 - b. healthcare insurance companies are now providing some benefits for alternative medical treatments.
 - c. they are frustrated by the time constraints of managed care.
 - d. scientific studies are becoming available that prove their effectiveness and safety.

The first murder ever committed in the United States occurred in September 1630, shortly after the Pilgrims arrived in Massachusetts. John Billington was the father of two sons, one of the first to settle in the new Plymouth Colony near what is today Boston, and one of the people who signed the Mayflower Compact—and he was also the colony’s first murderer.

Billington, in fact, was the first person to commit any crime in the colony, as far as we know today. He was also the first to be executed by the state in the New World. Billington’s crime was to shoot a man named John Newcomen, for reasons which are lost to history.

But Billington’s problems had not begun on the soil of North America. He and his sons had nearly caused a mutiny aboard the Mayflower during the arduous trip across the ocean. One of his sons, in fact, fired his gun aboard the Mayflower—near an open keg of gunpowder! The flash from the gun could easily have ignited the powder, which would probably have sunk the ship.

Once in Plymouth Colony, Billington’s behavior did not improve. He refused to serve any form of military duty under the leadership of Miles Standish, a duty that was seen by the colonists as part of every man’s responsibilities in the New World. He was later implicated in a plot to overthrow the entire leadership of Plymouth

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Colony, but a lack of evidence prompted the town's leaders to let him go free.

In the end, Billington's rebellious and angry nature caught up with him. He was found guilty of the murder of John Newcomen, and died in disgrace on the gallows.

- 170.** Based on the information in the passage, which of the following best describes John Billington?
- quiet and shy
 - angry and rebellious
 - clever and amusing
 - bold and patriotic
- 171.** Which of the following is NOT true of John Billington, according to the passage?
- He had two sons.
 - He served in the military under Miles Standish.
 - He tried to lead a mutiny.
 - He attempted to overthrow the government.
- 172.** The nearest meaning of the underlined word *arduous*, as used in the passage, is
- difficult.
 - simple.
 - long.
 - stormy.
- 173.** Why didn't the leaders of Plymouth Colony punish Billington for rebelling against their authority?
- He was not guilty.
 - Billington was Miles Standish's nephew.
 - He had two sons who needed him.
 - They didn't have enough evidence.
- 174.** A good title for this passage would be
- A History of Plymouth Colony.
 - The Injustices of Miles Standish.
 - America's First Murderer.
 - Early American Legal Battles.

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Have you ever heard someone sing, “Happy birthday to you . . . happy birthday to you . . .”? If so, you are hardly alone—millions of people sing that song every year, and the tune is one of the most familiar of any song in North America.

Ironically, it is not known who wrote it! The tune was written by two sisters, Patty and Mildred Hill, who were school teachers in the late 19th century. But their song had different words; instead of “happy birthday to you,” the song ran “good morning to all.” The two sisters would sing this ditty to their students each morning as school began.

In 1924, the tune was published in a song book, which added the “happy birthday” lyrics as verse two. Today, the second verse of that song has become one of the best known tunes in the world—and nobody knows who wrote the words!

- 175.** According to the passage, who wrote the tune to “Happy Birthday”?
- two priests
 - Irving Berlin
 - Patty and Mildred Hill
 - It is not known.
- 176.** Why is it ironic that the author of the words to “Happy Birthday” is not known?
- because almost everyone knows the song
 - because it shows how unjust life can be
 - because of modern copyright laws
 - because it was published in 1924
- 177.** The underlined word *ditty*, as used in the passage, most nearly means
- silly.
 - shoe.
 - flower.
 - short song.
- 178.** What happened in 1924 to make “Happy Birthday” famous?
- Nothing significant happened.
 - Hitler came to power in Germany.
 - The authors of the tune passed away.
 - The tune was published in a song book with the words as a second verse.

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Dogs and cats should never be permitted to eat chocolate, because chocolate works like a poison in their bodies. Chocolate contains a chemical called theobromine, which is similar to caffeine. Human bodies are able to process the theobromine without any ill side effects, but dogs and cats cannot.

Different types of chocolate contain different amounts of theobromine. It would take 20 ounces of milk chocolate to kill a 20-pound dog, but only two ounces of baker's chocolate or six ounces of semi-sweet chocolate. The amounts, of course, are much smaller for a cat, whose body weight is typically less than that of a dog.

Most cats are not naturally attracted to eating chocolate, but many dogs are. Dogs by nature will sample nearly anything that they see their masters eating, so pet owners must take care to keep all chocolate products well out of reach of their dogs and cats.

- 179.** According to the passage, why is chocolate poisonous for dogs and cats?
- a. It contains caffeine.
 - b. Chocolate is made from processed cocoa.
 - c. It gets stuck in their intestines.
 - d. They cannot process theobromine.
- 180.** How much milk chocolate would be poisonous to a cat, according to the passage?
- a. substantially less than 20 ounces
 - b. substantially more than 20 ounces
 - c. approximately one pound
 - d. half a Hershey bar
- 181.** Why might a dog eat chocolate, according to the passage?
- a. Because it tastes good.
 - b. Dogs won't eat chocolate.
 - c. They can smell the theobromine.
 - d. Dogs like to imitate their owners.

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- 182.** What best summarizes this passage?
- Look before you leap.
 - Pet food for pets, people food for people.
 - Monkey see, monkey do.
 - A penny saved is a penny earned.

Theodore Roosevelt was born with asthma and poor eyesight, yet this sickly child later won fame as a political leader, a Rough Rider, and a hero of the common people. To conquer his handicaps, Teddy trained in a gym and became a lightweight boxer at Harvard. Out west, he hunted buffalo and ran a cattle ranch. Back east, he became a civil service reformer and police commissioner. He became President McKinley's assistant Navy secretary during the Spanish-American War. Also, he led a charge of cavalry Rough Riders up San Juan Hill in Cuba. After achieving fame, he became governor of New York and went on to become the vice president.

When McKinley was assassinated, Theodore Roosevelt became the youngest president at age 42. He is famous for his motto, "Speak softly and carry a big stick." Roosevelt battled for meat inspection and pure-food laws. Also, he wanted to save the forests and break the grip that big business had on steel and oil. Roosevelt persuaded the diplomats of warring Russia and Japan to make peace.

- 183.** Which of the following states the main idea of the passage?
- Theodore Roosevelt was a man of many accomplishments.
 - Presidents should speak softly and carry big sticks.
 - Presidents can help countries make peace.
 - A governor can become a president.
- 184.** What achievement illustrates Roosevelt's ability to overcome personal obstacles?
- He led a charge of cavalry Rough Riders in Cuba.
 - He is famous for his motto, "Speak softly and carry a big stick."
 - He overcame his asthma by training in a gym, and he became a boxer.
 - He became governor of New York.

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- 185.** According to the passage, how did Roosevelt first become president?
- He won the support of his party in a political campaign.
 - As vice president, he took over the presidency when McKinley was assassinated.
 - He won the nation's popular vote.
 - He won the necessary Electoral College votes.
- 186.** He first worked under President McKinley in what capacity?
- assistant Navy secretary during the Spanish-American War
 - police commissioner
 - governor of New York
 - civil service reformer

Daylilies are a beautiful perennial flower that can brighten up any yard or landscape. They are tolerant of drought and flooding, immune to heat stress, and grow well in full sun or light shade. They are the perfect choice for just about any soil or climate condition.

Different varieties of daylilies can be in bloom from late spring until autumn. Individual flowers last only one day, but each plant produces many buds, and many varieties have more than one flowering period.

Daylilies grow best in soil that is slightly acidic, and they prefer either direct sunshine or light shade. The best time to plant them is in the early fall or early spring, but they are hardy enough to endure planting or transplanting at almost any time of year. They should be planted 18 to 24 inches apart, and the bulb should be no deeper than one inch below the soil's surface.

- 187.** According to the passage, what soil is best for daylilies?
- slightly neutral
 - slightly acidic
 - any soil
 - moist soil

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- 188.** You could infer from this passage that these flowers are called day-lilies because
- they only bloom in the daytime.
 - the blooms last for one day.
 - they look like real lilies, but aren't.
 - Charles Day developed the hybrid.
- 189.** How deep should daylilies be planted, according to the passage?
- 18 to 24 inches
 - one inch or more
 - one inch or less
 - any depth works
- 190.** The underlined word *perennial*, as used in this passage, most nearly means
- it blooms once.
 - it blooms every year.
 - it is always popular.
 - it is part of the lily genus.

IMPLICIT

Something that is implied by a passage, though not clearly stated.

For example, "John is late for work again."

This *implies* that John is frequently late for work

The crystal clear, blue water and the magnificent sun make the Caribbean island of Saint Maarten a favorite vacation spot, one that is popular with North Americans during their winter holidays from December through March, as well as with South Americans and Europeans from April through August. The French and Dutch settled on the island in the 1600s, and to this day, the island is divided between the two of them. The French capital is Marigot; the Dutch capital is Philipsburg.

Tourists soon discover that St. Maarten has an intriguing history. Ancient artifacts found on the island date back to the Stone Age, 6,000 years ago! Tourists also learn that 1,200 years ago the Arawak

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Indians inhabited all the islands of the West Indies and were a peaceful people living under the guidance of their chiefs. Three hundred years after the Arawaks first arrived on St. Maarten, in the 1300s, they were defeated and forced to abandon the island by a hostile tribe of Indians originating in South America. This new tribe was called the Carib. The Caribbean Sea was named after them. Unlike the Arawaks, they had no permanent chiefs or leaders, except in times of strife. And they were extremely warlike. Worse, they were cannibalistic, eating the enemy warriors they captured. In fact, the very word *cannibal* comes from the Spanish name for the Carib Indians. The Spanish arrived in the fifteenth century and, unfortunately, they carried diseases to which the Indians had no immunity. Many Indians succumbed to common European illnesses; others died from the hard labor forced upon them.

- 191.** One can infer from the passage that the Stone Age people lived on St. Maarten around the year
- a. 6000 B.C.
 - b. 4000 B.C.
 - c. 800 A.D.
 - d. 1300 A.D.
- 192.** Which of the following is NOT true about the Carib Indians?
- a. The sea was named after them.
 - b. They were peaceful fishermen, hunters, and farmers.
 - c. They ate human flesh.
 - d. They settled after defeating the Arawak Indians.
- 193.** According to the passage, the Carib Indians were finally defeated by
- a. sickness and forced labor.
 - b. the more aggressive Arawak tribe.
 - c. the Dutch West India Company.
 - d. the French explorers.
- 194.** One can infer from the passage that the underlined word *strife* means
- a. cannibalism.
 - b. war.
 - c. duty-free.
 - d. chief.

- 195.** According to the article, present-day St. Maarten
- a. belongs to the Spanish.
 - b. is independent.
 - c. is shared by the French and the Dutch.
 - d. is part of the U.S. Virgin Islands.

A metaphor is a poetic device that deals with comparison. It compares similar qualities of two dissimilar objects. With a simple metaphor, one object becomes the other: *Love is a rose*. Although this does not sound like a particularly rich image, a metaphor can communicate so much about a particular image that poets use them more than any other type of figurative language. The reason for this is that poets compose their poetry to express what they are experiencing emotionally at that moment. Consequently, what the poet imagines love to be may or may not be our perception of love. Therefore, the poet's job is to enable us to *experience* it, to feel it the same way that the poet does. We should be able to nod in agreement and say, "Yes, that's it! I understand precisely where this person is coming from."

Let's analyze this remarkably unsophisticated metaphor concerning love and the rose to see what it offers. Because the poet uses a comparison with a rose, first we must examine the characteristics of that flower. A rose is spectacular in its beauty, its petals are velvety soft, and its aroma is soothing and pleasing. It's possible to say that a rose is actually a veritable feast to the senses: the visual, the tactile, and the aural [more commonly known as the senses of sight, touch, and sound]. The rose's appearance seems to border on perfection, each petal seemingly symmetrical in form. Isn't this the way one's love should be? A loved one should be a delight to one's senses and seem perfect. However, there is another dimension added to the comparison by using a rose. Roses have thorns. This is the comprehensive image the poet wants to communicate; otherwise, a daisy or a mum would have been presented to the audience as the ultimate representation of love—but the poet didn't, instead conveying the idea that roses can be treacherous. So can love, the metaphor tells us. When one reaches out with absolute trust to touch the object of his or her affection, ouch, a thorn can cause great harm! "Be careful," the metaphor admonishes: Love is a feast to the senses, but it

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can overwhelm us, and it can also hurt us. It can prick us and cause acute suffering. This is the poet's perception of love—an admonition. What is the point? Just this: It took almost 14 sentences to clarify what a simple metaphor communicates in only five words! *That* is the artistry and the joy of the simple metaphor.

- 196.** The main idea of this passage is
- poetic devices are necessary for poets.
 - poetry must never cater to the senses.
 - always use words that create one specific image.
 - the metaphor is a great poetic device.
- 197.** It can be inferred that a metaphor is
- a type of figurative language.
 - the only poetic device.
 - not precise enough.
 - a type of flower in a poem.
- 198.** According to the passage, thorns
- protect the rose from harm.
 - reduce the ability to love another.
 - add a new element to the image of love.
 - are just more images to compare to a rose.
- 199.** It can be inferred that the true meaning of the *love is a rose* metaphor is that
- love is a true joy.
 - love comes only once in a lifetime.
 - love is never permanent.
 - love is a combination of good and bad experiences.
- 200.** According to the passage, the poet's intention is
- to release anger.
 - to announce heartache.
 - to enable you to experience the poet's point of view.
 - to reward the senses.

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The composer Wolfgang Amadeus Mozart’s remarkable musical talent was apparent even before most children can sing a simple nursery rhyme. Wolfgang’s older sister Maria Anna (who the family called Nannerl) was learning the clavier, an early keyboard instrument, when her three-year-old brother took an interest in playing. As Nannerl later recalled, Wolfgang “often spent much time at the clavier picking out thirds, which he was always striking, and his pleasure showed that it sounded good.” Their father Leopold, an assistant concertmaster at the Salzburg Court, recognized his children’s unique gifts and soon devoted himself to their musical education.

Born in Salzburg, Austria, on January 27, 1756, Wolfgang had composed his first original work by age five. Leopold planned to take Nannerl and Wolfgang on tour to play before the European courts. Their first venture was to nearby Munich where the children played for Maximilian III Joseph, elector of Bavaria. Leopold soon set his sights on the capital of the Hapsburg Empire, Vienna. On their way to Vienna, the family stopped in Linz, where Wolfgang gave his first public concert. By this time, Wolfgang was not only a virtuoso harpsichord player, but he had also mastered the violin. The audience at Linz was stunned by the six-year-old, and word of his genius soon traveled to Vienna. In a much anticipated concert, the Mozart children appeared at the Schonbrunn Palace on October 13, 1762. They utterly charmed the emperor and empress.

Following this success, Leopold was inundated with invitations for the children to play, for a fee. Leopold seized the opportunity and booked as many concerts as possible at courts throughout Europe. A concert could last three hours, and the children played at least two per a day. Today, Leopold might be considered the worst kind of stage parent, but at the time, it was not uncommon for prodigies to make extensive concert tours. Even so, it was an exhausting schedule for a child who was just past the age of needing an afternoon nap.

- 201.** A good title for this passage would be
- Classical Music in the Eighteenth Century: An Overview.
 - Stage Parents: A Historical Perspective.
 - Mozart: The Early Life of a Musical Prodigy.
 - Mozart: The Short Career of a Musical Genius.

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- 202.** According to the passage, Wolfgang became interested in music because
- his father thought it would be profitable.
 - he had a natural talent.
 - he saw his sister learning to play an instrument.
 - he came from a musical family.
- 203.** What was the consequence of Wolfgang's first public appearance?
- He charmed the emperor and empress of Hapsburg.
 - Word of Wolfgang's genius spread to the capital.
 - Leopold set his sights on Vienna.
 - Invitations for the miracle children to play poured in.
- 204.** Each of the following statements about Wolfgang Mozart is directly supported by the passage except
- Mozart's father, Leopold, was instrumental in shaping his career.
 - Maria Anna was a talented musician in her own right.
 - Wolfgang's childhood was devoted to his musical career.
 - Wolfgang preferred the violin to other instruments.
- 205.** According to the passage, during Wolfgang's early years, child prodigies were
- few and far between.
 - accustomed to extensive concert tours.
 - expected to spend at least six hours per a day practicing their music.
 - expected to play for courts throughout Europe.
- 206.** Based on information found in the passage, Mozart can best be described as
- a child prodigy.
 - a workaholic.
 - the greatest composer of the eighteenth century.
 - a victim of his father's ambition.

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The sentences are numbered in the following passage to help you answer the questions.

1) The Woodstock Music and Art Fair—better known to its participants and to history simply as “Woodstock”—should have been a colossal failure. 2) Just a month prior to its August 15, 1969 opening, the fair’s organizers were informed by the council of Wallkill, New York, that permission to hold the festival was withdrawn. 3) Amazingly, not only was a new site found, but word spread to the public of the fair’s new location. 4) At the new site, fences that were supposed to facilitate ticket collection never materialized, and all attempts at gathering tickets were abandoned. 5) Crowd estimates of 30,000 kept rising; by the end of the three days, some estimated the crowd at 500,000. 6) Then, on opening night, it began to rain. 7) Off and on, throughout all three days, huge summer storms rolled over the gathering. 8) In spite of these problems, most people think of Woodstock not only as a fond memory but as the defining moment for an entire generation.

- 207.** Which of the following would be the most appropriate title for this passage?
- Backstage at Woodstock
 - Woodstock: From *The Band* to *The Who*
 - Remembering Woodstock
 - Woodstock: The Untold Story
- 208.** Which of the following numbered sentences of the passage best represents an opinion rather than a fact?
- sentence 1
 - sentence 2
 - sentence 3
 - sentence 4
- 209.** Why is the word *amazingly* used in sentence 3?
- The time in which the site move was made and the word sent out was so short.
 - The fair drew such an unexpectedly enormous crowd.
 - There was such pressure by New York officials against holding the fair.
 - The stormy weather was so unfavorable.

6

Nonfiction and Information Passages

Fiction is a piece of writing that tells a story that didn't really happen in real life—it's *fictional*, made up by the author. *Nonfiction*, on the other hand, refers to a piece of writing about something that *did* happen. History books and biographies are nonfiction because they address actual events and real people. Finally, *informational* writing refers to passages whose purpose is to inform the reader about something. Informational passages contain facts and figures, and include newspaper articles, business memos, legal documents, and so on.

In this section, you will be dealing with nonfiction and information passages, such as the type you might find in a textbook. Mastering these types of passages and their questions is important, because they are increasingly being

PURPOSE

The specific goal that the author had in writing the passage—the reason that it was written. Some common purposes include:

to inform

to entertain

to alert

to persuade

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found in standardized tests. These passages are not necessarily more difficult than the ones you've already covered in the earlier chapters of this book. However, they do call more heavily for the special skill of making inferences, of identifying *implicit*, as opposed to *explicit*, ideas stated in the text.

Remember what you've learned so far. Look at structure. Look for the main idea of the passage. Consider the purpose for which the passage was written. What clues can you deduce from the writing style about the author's attitude toward the subject? Is the attitude positive? Negative? Objective? Try to pick out individual words that further each writer's intent and support each writer's opinion. If it helps, underline or make notes on important points. Active reading techniques like these will keep you focused on some very detailed reading comprehension passages.

The answers to this section begin on page 118.

The coconut is an unusual food for many reasons. It is technically a seed, produced by the coconut palm tree, and as such is one of the largest edible seeds produced by any plant. Its unusual contents also make it unique in the seed world—the interior consists of both “meat” and “water.” The meat is the white pith with which we are all familiar, as it is used extensively for cooking and flavorings; the coconut water is a white liquid that is very sweet and thirst-quenching.

Portuguese explorers gave the nut its name in the 15th century, referring to it as *coco*, meaning “ghost” in their language. The three dimples and the hairy texture reminded them of a ghost's face, and the tree has retained that name ever since.

The coconut has many varied uses. It is used to make margarine, as well as various cooking oils, and these cooking oils are used by fast-food restaurants around the world to make such diet staples as French fries. The coconut fluid is a favorite drink in hot climates, providing a cool and refreshing beverage right off the tree. This water is also used by manufacturers of various sports drinks because of its isotonic electrolyte properties. Even the shell itself has many uses, including cattle food and fertilizer.

Yet the coconut is also useful in many ways that have nothing to do with food. Coconut oil is used for cosmetics, medicines, and can even be used in place of diesel fuel. Dried coconut shells are used in many countries as a tool, such as a buffer for shining wood floors. The shells are also used for shirt buttons, and are commonly found

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on Hawaiian clothing. They are even used for musical instruments and bird houses!

And all these are only some of the uses found for the coconut fruit. The coconut palm tree, which produces the nut, also produces countless useful items. It's no wonder that the coconut palm has been called "the tree of life."

- 210.** The underlined word *pith*, as used in the passage, most nearly means
- helmet.
 - hairy material.
 - black.
 - meaty substance.
- 211.** The coconut earned the nick name "ghost" because
- of its pale color.
 - it resembles a face.
 - it is round.
 - of its smell.
- 212.** What is the main focus of this passage?
- the history of coconuts
 - coconut trees have many uses
 - how cooking oil is made
 - Portuguese discoveries
- 213.** The passage implies that
- coconut palms are a valuable plant.
 - coconut oil is the best way to cook.
 - Portuguese explorers loved coconuts.
 - coconut palms are good shade trees.
- 214.** Which of the following is NOT a use for the coconut palm?
- margarine
 - buttons
 - helium balloons
 - diesel fuel

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- 215.** The underlined word *staples*, as used in the passage, most nearly means
- a. fasteners.
 - b. plans.
 - c. paperwork.
 - d. foods.
- 216.** The coconut palm is sometimes called “the tree of life” because
- a. the Portuguese thought it cured disease.
 - b. nearly every part of the tree is useful to mankind.
 - c. it grows near the Equator.
 - d. of its green color.

Saving energy means saving money. Homeowners and renters know this basic fact, but they often don’t know what kinds of adjustments they can make in their homes and apartments that will result in savings.

For those willing to spend some time and money to reap long-term energy savings, an energy audit is the way to go. An energy auditor will come into your home and assess its energy efficiency. The auditor will pinpoint areas of your home that use the most energy and offer solutions to lower your energy use and costs. Trained energy auditors know what to look for and can locate a variety of flaws that may be resulting in energy inefficiency, including inadequate insulation, construction flaws, and uneven heat distribution.

There are quicker and less costly measures that can be taken as well. One way to save money is to replace incandescent lights with fluorescents. This can result in a savings of more than 50% on your monthly lighting costs.

When it’s time to replace old appliances, it’s wise to spend a bit more for an energy-efficient model, and be sure that you are taking advantage of energy-saving settings already on your current refrigerator, dishwasher, washing machine, or dryer.

Windows provide another opportunity to cut your energy costs. Caulk old windows that might be leaky to prevent drafts, and choose double-paned windows if you’re building an addition or replacing old windows.

Most areas of your home or apartment offer opportunities to save energy and money. The results are significant and are well worth the effort.

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- 217.** Which two main organizational schemes can be identified in this passage?
- hierarchical order and order by topic
 - order by topic and cause and effect
 - hierarchical order and chronological order
 - chronological order and compare and contrast
- 218.** Which of the following ideas is NOT included in this passage?
- You can reduce your \$130 monthly lighting costs to \$65 by using fluorescent bulbs instead of incandescent.
 - Double-paned windows can cut energy costs.
 - Your local energy company will send an energy auditor at your request.
 - Some appliances have energy-saving settings.
- 219.** Which of the following best expresses the main idea of this passage?
- There are many things a homeowner or renter can do to save energy and money.
 - Hiring an energy auditor will save energy and money.
 - Homeowners and renters don't know what they can do to save energy and money.
 - Replacing windows and light bulbs are well worth the effort and cost.
- 220.** According to the passage, which of the following would an energy auditor NOT do?
- Check for construction flaws.
 - Look for problems with heat distribution.
 - Offer solutions to lower your energy costs.
 - Locate a variety of flaws that may result in energy inefficiency and fix them.
- 221.** According the passage, double-paned windows
- are energy efficient.
 - should only be used as replacement windows.
 - should only be used in new additions to homes.
 - will lower your heating costs by 50%.

501 Sentence Completion Questions

Book clubs are a great way to meet new friends or keep in touch with old ones, while keeping up on your reading and participating in lively and intellectually stimulating discussions. If you're interested in starting a book club, you should consider the following options and recommendations.

The first thing you'll need are members. Before recruiting, think carefully about how many people you want to participate and also what the club's focus will be. For example, some book clubs focus exclusively on fiction, others read nonfiction. Some are even more specific, focusing only on a particular genre such as mysteries, science fiction, or romance. Others have a more flexible and open focus. All of these possibilities can make for a great club, but it is important to decide on a focus at the outset so the guidelines will be clear to the group and prospective member.

After setting the basic parameters, recruitment can begin. Notify friends and family, advertise in the local newspaper, and hang flyers on bulletin boards in local stores, colleges, libraries, and bookstores. When enough people express interest, schedule a kick-off meeting during which decisions will be made about specific guidelines that will ensure the club runs smoothly. This meeting will need to establish where the group will meet (rotating homes or a public venue such as a library or coffee shop); how often the group will meet, and on what day of the week and at what time; how long the meetings will be; how books will be chosen and by whom; who will lead the group (if anyone); and whether refreshments will be served and if so, who will supply them. By the end of this meeting, these guidelines should be set and a book selection and date for the first official meeting should be finalized.

Planning and running a book club is not without challenges, but when a book club is run effectively, the experience can be extremely rewarding for everyone involved.

- 222.** Which of the following organizational patterns is the main one used in the passage?
- a. chronological
 - b. hierarchical
 - c. comparison-contrast
 - d. cause and effect

501 Sentence Completion Questions

- 223.** According to the passage, when starting a book club, the first thing a person should do is
- hang flyers in local establishments.
 - put an ad in a local newspaper.
 - decide on the focus and size of the club.
 - decide when and where the group will meet.
- 224.** Which of the following would NOT be covered during the book club's kick-off meeting?
- deciding on whether refreshments will be served
 - discussing and/or appointing a leader
 - choosing the club's first selection
 - identifying what kinds of books or genre will be the club's focus
- 225.** A good title for this passage would be
- Book Clubs: A Great Way to Make New Friends.
 - Starting a Successful Book Club: A Guide.
 - Five Easy Steps to Starting a Successful Book Club.
 - Reading in Groups: Sharing Knowledge, Nurturing Friendships.
- 226.** Which of the following is NOT something that successful book clubs should do?
- focus exclusively on one genre
 - have guidelines about where and when to meet
 - have a focus
 - decide how to choose and who will choose book selections
- 227.** Which of the following inferences can be drawn from the passage?
- Smaller groups are better for a variety of reasons.
 - The social aspect of book clubs is more important than the intellectual.
 - Starting your own book club is better than joining an existing one.
 - When starting and running a book club, a casual approach is risky.

501 Sentence Completion Questions

Last spring, employees of the Hartville Corporation organized a weeklong strike to protest poor working conditions and unreasonable company policies. The strike resulted in huge financial losses for the company and the threat of a national boycott on Hartville products. The situation resulted in the formation of an employee task force, supported by Hartville management, to review circumstances that led to the strike. The task-force findings follow:

- Hartville's overtime pay schedule is well below the national level, and overtime is mandatory at least once a week.
- Employees working in the manufacturing department have an alarmingly high rate of repetitive stress injury. The equipment they are working with is extremely old and dangerous and does not meet current health and safety standards. The task force recommended that equipment be evaluated and brought up-to-date immediately.
- Sick and personal day policies are unclear. Employees report conflicting and/or confusing policies relating to sick and personal days, which have resulted in numerous misunderstandings about procedures and allowances as well as unfair disciplinary action.
- In the past four years, five pregnant women with clean work records were terminated soon after their pregnancies were public. In all five cases, the grounds for firing were not specifically cited, although one of the employees was told by her immediate supervisor that new mothers make very unreliable employees.
- Hartville's upper management is largely unaware of the dissatisfaction of employees. There is evidence that middle management withholds vital information leading to upper management's underestimation of the severity of employee discontent.

501 Reading Comprehension Questions

- 228.** Which of the following is the main organizational pattern used in the passage?
- chronological order
 - hierarchical order
 - order by topic
 - cause and effect
- 229.** According to the passage, why do Hartville employees have a high rate of repetitive stress injury?
- The equipment they use is broken.
 - Their computer keyboards are outdated.
 - Hartville's equipment is below standard.
 - They are under a great deal of pressure at work.
- 230.** According to the passage, which of the following was a specific task-force recommendation?
- Upper management at Hartville should be more involved in the day-to-day operation of the company.
 - A new overtime pay policy should be implemented immediately.
 - The pregnant women who were fired should file lawsuits.
 - The equipment in the manufacturing department must be assessed.
- 231.** According to the passage, one reason that the Hartville upper management is unresponsive is that
- they are more concerned with saving money than protecting employees.
 - they are unaware of the degree of dissatisfaction among their employees.
 - the company is about to be sold, and they are distracted.
 - they have not been trained in the latest management techniques.
- 232.** Which of the following is NOT in the passage?
- a finding about a problem within middle management
 - a discussion of suspicious employee terminations
 - a comparison between overtime pay at Hartville and the national average
 - an outline of the policy relating to sick and personal days

501 Reading Comprehension Questions

Mental and physical health professionals may consider referring clients and patients to a music therapist for a number of reasons. It seems a particularly good choice for the social worker who is coordinating a client's case. Music therapists use music to establish a relationship with the patient and to improve the patient's health, using highly structured musical interactions. Patients and therapists may sing, play instruments, dance, compose, or simply listen to music.

The course of training for music therapists is comprehensive. In addition to formal musical and therapy training, music therapists are taught to discern what kinds of interventions will be most beneficial for each individual patient. Because each patient is different and has different goals, the music therapist must be able to understand the patient's situation and choose the music and activities that will do the most toward helping the patient achieve his or her goals. The referring social worker can help this process by clearly communicating each client's history.

Although patients may develop their musical skills, that is not the main goal of music therapy. Any client who needs particular work on communication or on academic, emotional, and social skills, and who is not responding to traditional therapy, is an excellent candidate for music therapy.

- 233.** Which of the following best organizes the main topics addressed in this passage?
- a. I. The role of music therapy in social work
II. Locating a music therapist
III. Referring patients to music therapists
 - b. I. Using music in therapy
II. A typical music-therapy intervention
III. When to prescribe music therapy for sociopaths
 - c. I. Music therapy and social work
II. Training for music therapists
III. Skills addressed by music therapy
 - d. I. How to choose a music therapist
II. When to refer to a music therapist
III. Who benefits the most from music therapy

501 Reading Comprehension Questions

- 234.** Which of the following would be the most appropriate title for this passage?
- How to Use Music to Combat Depression
 - What Social Workers Need to Know about Music Therapy
 - Training for a Career in Music Therapy
 - The Social Worker as Music Therapist
- 235.** According to information presented in the passage, music therapy can be prescribed for social work clients who
- need to develop coping skills.
 - were orphaned as children.
 - need to resolve family issues.
 - need to improve social skills.
- 236.** Which of the following inferences can be drawn from the passage?
- Music therapy can succeed where traditional therapies have failed.
 - Music therapy is a relatively new field.
 - Music therapy is particularly beneficial for young children.
 - Music therapy is only appropriate in a limited number of circumstances.

In the summer, the Northern Hemisphere is slanted toward the sun, making the days longer and warmer than in winter. The first day of summer, June 21, is called summer solstice and is also the longest day of the year. However, June 21 marks the beginning of winter in the Southern Hemisphere, when that hemisphere is tilted away from the sun.

- 237.** According to the passage, when it is summer in the Northern Hemisphere, it is _____ in the Southern Hemisphere.
- spring
 - summer
 - autumn
 - winter

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- 238.** It can be inferred from the passage that, in the Southern Hemisphere, June 21 is the
- a. autumnal equinox.
 - b. winter solstice.
 - c. vernal equinox.
 - d. summer solstice.

When painting wood, the most important step is to thoroughly sand the wood to a smooth finish. All burrs and rough spots must be removed, and the surface should be silky smooth to the touch. After cleaning the wood, one should give it two coats of primer. This neutral colored paint soaks into the grain and seals it. Once dried, the wood is ready for two more coats of the final color.

- 239.** What are the correct steps for painting wood, according to the passage?
- a. sand, prime, prime, paint, paint
 - b. sand, prime, prime, paint
 - c. sand, prime, paint
 - d. sand, clean, prime, prime, paint, paint

Light pollution is a growing problem worldwide. Like other forms of pollution, light pollution degrades the quality of the environment. Where it was once possible to look up at the night sky and see thousands of twinkling stars in the inky blackness, one now sees little more than the yellow glare of urban sky-glow. When we lose the ability to connect visually with the vastness of the universe by looking up at the night sky, we lose our connection with something profoundly important to the human spirit, our sense of wonder.

- 240.** The passage implies that the most serious damage done by light pollution is to our
- a. artistic appreciation.
 - b. sense of physical well-being.
 - c. cultural advancement.
 - d. spiritual selves.

501 Reading Comprehension Questions

Moscow has a history of chaotic periods of war that ended with the destruction of a once largely wooden city and the building of a new city on top of the rubble of the old. The result is a layered city, with each tier holding information about a part of Russia's past. In some areas of the city, archaeologists have reached the layer from 1147, the year of Moscow's founding. Among the findings from the various periods of Moscow's history are carved bones, metal tools, pottery, glass, jewelry, and crosses.

- 241.** From the passage, the reader can infer that
- the people of Moscow are more interested in modernization than in preservation.
 - the Soviet government destroyed many of the historic buildings in Russia.
 - Moscow is the oldest large city in Russia, founded in 1147.
 - Moscow has a history of invasions, with each new conqueror razing past structures.

Authentic Dhurrie rugs are hand woven in India. Today, they are usually made of wool, but they are descendants of cotton floor and bed coverings. In fact, the name *Dhurrie* comes from the Indian word *dari*, which means *threads of cotton*. The rugs are noted for their soft colors, their varieties of design, and they make a stunning focal point for any living room or dining room.

- 242.** Which of the following is the most likely intended audience for the passage?
- people studying traditional Indian culture
 - people who are studying Indian domestic customs
 - people learning to operate a rug loom
 - people who enjoy interior decorating

501 Reading Comprehension Questions

Worldwide illiteracy rates have consistently declined in the last few decades. One of the major reasons for this decline is the sharp increase of literacy rates among young women, which is a result of specific campaigns designed to increase educational opportunities for girls. However, there are still an estimated 771 million illiterate adults in the world, about two-thirds of who are women.

- 243.** Based on the passage, the author would tend to agree with which of the following statements?
- a. Men and women should have equal access to education.
 - b. Males have a greater need for higher education than women.
 - c. Worldwide, women need medical care more than the ability to read.
 - d. It has been proven that women with increased education have fewer children.

Emperor Charlemagne of the Franks was crowned in 800 A.D. The Frankish Empire at that time extended over what is now Germany, Italy, and France. Charlemagne died in 814 A.D., but his brief reign marked the dawn of a distinctly European culture. The artists and thinkers that helped create this European civilization drew on the ancient texts of the Germanic, Celtic, Greek, Roman, Hebrew, and Christian worlds. _____.
Consequently, they were the groundwork for the laws, customs, and even attitudes of today's Europeans.

- 244.** Which sentence, if inserted into the blank line in the passage, would be most consistent with the writer's purpose and intended audience?
- a. Cultural traditions function to identify members of a culture to one another and, also, to allow the individual to self-identify.
 - b. Many of the traditions of these cultures remained active in Frankish society for centuries.
 - c. When tradition is lacking or is not honored by the younger generation in a society, there is danger that the culture will be lost.
 - d. It is unnecessary to discuss the origin of these traditions; it will only muddy the water.

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- 245.** Which of the following is the best meaning of the word *culture* as it is used in the passage?
- a. the fashionable class
 - b. a community of interrelated individuals
 - c. a partnership
 - d. an organized group with a common goal
- 246.** According to the passage, for how many years was Charlemagne Emperor of the Franks?
- a. 14 years
 - b. 15 years
 - c. 13 years
 - d. 16 years

The film *Lawrence of Arabia* may be somewhat dated by modern special-effects standards, but it remains a high-water mark in the annals of filmmaking. Since we're on the subject of CGI and other computer-generated special effects, Lawrence has none for the simple reason that it was actually filmed using real people who really performed the action. The long, slow scenes of camels walking in the desert may seem dull to the modern animation-jaded viewer, but those willing to pay attention to the underlying themes will be well rewarded by what the movie is saying.

And it is the theme of *Lawrence* that really stays with a viewer, even today, some 40 years after it was released. That theme is the age-old story of hubris—the pride of a man which raises him above his peers, only to dash him on the rocks of self-indulgence by the end.

We see this tragic foible of mankind worked out fully in the character of Lawrence himself, who begins the film as a brilliant genius who is eager to get involved in the desert conflicts of World War I. His cocky attitude irritates his superiors and amuses the Arabs fighting alongside the British, but his genius for details and strategy soon overcome all obstacles. Lawrence's brilliant victory at the Suez Canal could only have been accomplished by Lawrence, and his own self-sacrifice and commitment to his followers display the best of his character.

Unfortunately, the baser elements of that character gradually take control as the film moves along, and Lawrence slowly declines into a dangerous blend of despair and self-assurance. The problem

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gradually becomes evident: Lawrence has grown to believe that he is equal to God, the one who both gives life and takes it away again.

- 247.** What is the central theme of *Lawrence of Arabia*, according to this passage?
- a. the importance of the Suez Canal
 - b. man's pride will bring about his destruction
 - c. the Arabian Desert is a hostile environment
 - d. it is a documentary on World War I
- 248.** What is the meaning of the underlined word *hubris*, as it is used in the passage?
- a. a halo
 - b. death
 - c. hair
 - d. pride
- 249.** You might infer that the author of this passage
- a. has traveled in the Middle East.
 - b. does not like the character of Lawrence.
 - c. admires the film *Lawrence of Arabia*.
 - d. knows nothing about the Suez Canal.

In 1899, Czar Nicholas II of Russia invited the nations of the world to a conference at The Hague. This conference—and a follow-up organized by Theodore Roosevelt in 1907—ushered in a period of vigorous growth in international law. This growth was in response to several factors, not the least of which was modern warfare's increasing potential for destruction. The recently concluded Civil War in the United States made this potential clear.

During this growth, the subjects of international law were almost exclusively restricted to the relationships that countries had with one another. Issues of trade and warfare dominated both the disputes and the agreements of the period. _____, the developments of this period paved the way for further expansion of international law, which has occurred in the last several years. _____, organizations such as the United Nations and the International Court of Justice are greatly concerned not only with the way countries deal with one another, but with the ways in which they treat their own citizens.

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- 250.** Which words or phrases, if inserted in order into the blanks in the passage, would help the reader understand the sequence of the author's ideas?
- a. Therefore; In addition
 - b. However; Now
 - c. Furthermore; Yet
 - d. Even if; On the other hand
- 251.** According to the passage, what was the impact of the U.S. Civil War on the development of international law?
- a. It allowed armaments manufacturers to test new weapons.
 - b. It diminished the influence of the United States internationally.
 - c. It resulted in the suspension of agriculture exports from southern states.
 - d. It highlighted the increasing destructive capabilities of modern warfare.
- 252.** Which of the following is the best meaning of the underlined phrase *ushered in* as it is used in the passage?
- a. escorted
 - b. progressed
 - c. guarded
 - d. heralded

A healthy diet with proper nutrition is essential for maintaining good overall health. Since the discovery of vitamins earlier in this century, people have routinely been taking vitamin supplements for this purpose. The Recommended Dietary Allowance (RDA) is a frequently used nutritional standard for maintaining optimal health. The RDA specifies the recommended amount of a number of nutrients for people in different age and sex groups. The National Research Council's Committee on Diet and Health has proposed a definition of the RDA to be that amount of a nutrient which meets the needs of 98% of the population.

The RDA approach _____ . First, it is based on the assumption that it is possible to accurately define nutritional requirements for a given group. However, individual nutritional requirements can vary widely within each group. The efficiency with which a person converts food intake into nutrients can also vary

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widely. Certain foods when eaten in combination actually prevent the absorption of nutrients. For example, spinach combined with milk reduces the amount of calcium available to the body from the milk. Also, the RDA approach specifies a different dietary requirement for each age and sex; however, it is clearly unrealistic to expect a homemaker to prepare a different menu for each family member. Still, although we cannot rely solely upon RDA to ensure our overall long-term health, it can be a useful guide so long as its limitations are recognized.

- 253.** Which of the following would best fit in the blank in the first sentence of paragraph 2?
- a. is based on studies by respected nutritionists
 - b. has a number of shortcomings
 - c. has been debunked in the last few years
 - d. is full of holes
- 254.** With which of the following would the author most likely agree?
- a. The RDA approach should be replaced by a more realistic nutritional guide.
 - b. The RDA approach should be supplemented with more specific nutritional guides.
 - c. In spite of its flaws, the RDA approach is definitely the best guide to good nutrition.
 - d. The RDA approach is most suitable for a large family.

Businesses today routinely keep track of large amounts of both financial and non-financial information. Sales departments keep track of current and potential customers; marketing departments keep track of product details and regional demographics; accounting departments keep track of financial data and issue reports. To be useful, all this data must be organized into a meaningful and useful system. Such a system is called a *management information system*, abbreviated MIS. The financial hub of the MIS is accounting.

Accounting is the information system that records, analyzes, and reports economic transactions, enabling decision makers to make informed choices when allocating scarce economic resources. It is a

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tool that enables the user, whether a business entity or an individual, to make wiser, more informed economic choices. It is an aid to planning, controlling, and evaluating a broad range of activities. A financial accounting system is intended for use by both the management of an organization and those outside the organization. Because it is important that financial accounting reports be interpreted correctly, financial accounting is subject to a set of _____ guidelines called “generally accepted accounting principles” (GAAP).

- 255.** This passage is most likely taken from
- a newspaper column.
 - a business textbook.
 - an essay about modern business.
 - a government document.
- 256.** The word that would fit most correctly into the blank in the final sentence is
- discretionary.
 - convenient.
 - austere.
 - stringent.
- 257.** According to the information in the passage, which of the following is least likely to be a function of accounting?
- helping business people make sound judgments
 - assisting with the marketing of products
 - producing reports of many different kinds of transactions
 - assisting companies in important planning activities

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Typically, people think of genius, whether it manifests in Mozart's composition of symphonies at age five or Einstein's discovery of relativity, as having a quality not just of the supernatural, but also of the eccentric. People see genius as a good abnormality; moreover, they think of genius as a completely unpredictable abnormality. Until recently, psychologists regarded the quirks of genius as too erratic to describe intelligibly; however, Anna Findley's groundbreaking study uncovers predictable patterns in the biographies of geniuses. These patterns do not dispel the common belief that there is a kind of supernatural intervention in the lives of unusually talented men and women, however, even though they occur with regularity. _____, Findley shows that all geniuses experience three intensely productive periods in their lives, one of which always occurs shortly before their deaths; this is true whether the genius lives to 19 or 90.

- 258.** Which word or phrase, if inserted into the blank space of the passage, best defines the relationship of the last sentence in the passage to the one preceding it?
- For example
 - Despite this
 - However
 - In other words
- 259.** According to the information presented in the passage, what is the general populace's opinion of genius?
- It is predictable and uncommon.
 - It is supercilious and abnormal.
 - It is unpredictable and erratic.
 - It is extraordinary and erratic.
- 260.** Which of the following would be the best title for this passage?
- Understanding Mozarts and Einsteins
 - Predicting the Life of a Genius
 - The Uncanny Patterns in the Lives of Geniuses
 - Pattern and Disorder in the Lives of Geniuses

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- 261.** Given the information in the passage, which of the following statements is true?
- a. Anna Findley is a biographer.
 - b. All geniuses are eccentric and unpredictable.
 - c. Geniuses have three prolific times in their lives.
 - d. Mozart discovered relativity.

O'Connell Street is the main thoroughfare of Dublin City. Although it is not a particularly long street, Dubliners will proudly tell the visitor that it is the widest street in all of Europe. This claim usually meets with protests, especially from French tourists, claiming the Champs Elysees of Paris as Europe's widest street. But the witty Dubliner will not easily relinquish bragging rights and will trump the French visitor with a fine distinction: The Champs Elysees is a *boulevard*; O'Connell is a *street*.

Divided by several important monuments running the length of its center, the street is named for Daniel O'Connell, an Irish patriot. _____ . O'Connell stands high above the unhurried crowds of shoppers, business people, and students on a sturdy column, surrounded by four serene angels seated at each corner of the monument's base. Further up the street is the famous General Post Office that locals affectionately call the GPO. During the 1916 rebellion, the GPO was taken over from British rule and occupied by Irish rebels, sparking weeks of armed combat in the city's center. To this day, the angels of O'Connell's monument bear the marks of the fighting: One sits reading calmly, apparently unaware of the bullet hole dimpling her upper arm; another, reaching out to stroke the ears of a huge bronze Irish wolfhound has survived what should be a mortal wound to her heart.

- 262.** Which sentence, if inserted in the blank space in the passage, would be the most correct and contribute the most pertinent information to that paragraph?
- a. His monument stands at the lower end of the road, that is, the end closest to the river Liffey that bisects Dublin.
 - b. Other monuments along the street include statues to Charles Parnell, Anna Livia Plurabelle, and James Joyce.
 - c. Dublin tourist buses leave from this site every 20 minutes.
 - d. Daniel O'Connell was an important Irish nationalist, who died before the 1916 rebellion.

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- 263.** Which of the following would be the best title for this passage?
- a. Dublin's Famous Monuments
 - b. The Irish Take Pride in Their Capital City
 - c. The Widest Street in Europe
 - d. Sights and History on Dublin's O'Connell Street
- 264.** What is the best definition for the underlined word *trump* as it is used in the first paragraph of the passage?
- a. to trumpet loudly, to blare or drown out
 - b. to trample
 - c. to get the better of by using a key or hidden resource
 - d. to devise a fraud, to employ trickery
- 265.** With which of the following statements about the people of Dublin would the author of the passage most likely agree?
- a. They are proud of their history but lack industry.
 - b. They are playful and tricky.
 - c. They are rebellious and do not like tourists.
 - d. They are witty and relaxed.

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The subject of the next two passages is the same, but the way they are written is different. Read them carefully and answer the questions.

Excerpt from Chamber of Commerce brochure

Dilly's Deli provides a dining experience like no other! A rustic atmosphere, along with delicious food, provide an opportunity to soak up the local flavor. Recently relocated to the old market area, Dilly's is especially popular for lunch. At the counter, you can place your order for one of Dilly's three daily lunch specials or one of several sandwiches, all at reasonable prices. Once you get your food, choose a seat at one of the four charming communal tables. By the time you are ready to carry your paper plate to the trash bin, you have experienced some of the best food and one of the most charming companies our city has to offer.

Restaurant review

Yesterday, I was exposed to what has been called "a dining experience like no other." At lunchtime, Dilly's Deli is so crowded, I wondered when the fire marshal had last visited the establishment. The line snaked out the door to the corner, and by the time I reached the counter, I was freezing. I decided on the hamburger steak special; the other specials being liver and onions or tuna casserole. Each special is offered with two side dishes, but there was no potato salad left and the green beans were cooked nearly beyond recognition. I chose the gelatin of the day and what turned out to be the blandest coleslaw I have ever eaten.

At Dilly's, you sit at one of four long tables. The couple sitting across from me was having an argument. The truck driver next to me told me more than I wanted to know about highway taxes. After I had tasted all of the food on my plate, I rose to leave, whereupon one of the people working behind the counter yelled at me to clean up after myself. Throwing away that plate of food was the most enjoyable part of dining at Dilly's.

- 266.** If you go to lunch at Dilly's Deli, you could expect to see
- a long line of customers.
 - the fire marshal.
 - the restaurant critic from the newspaper.
 - homemade pie.

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- 267.** Both passages suggest that if you eat lunch at Dilly's Deli, you should expect to
- sit next to a truck driver.
 - place your order with the waiter who comes to your table.
 - dress warmly.
 - carry your own food to your table.
- 268.** Which of the following illustrates the restaurant critic's opinion of the food at Dilly's Deli?
- "At Dilly's, you sit at one of four long tables."
 - "At lunchtime, Dilly's Deli is so crowded, I wondered when the fire marshal had last visited the establishment."
 - "After I had tasted all of the food on my plate, I rose to leave, whereupon one of the people working behind the counter yelled at me to clean up after myself."
 - "Throwing away that plate of food was the most enjoyable part of dining at Dilly's."
- 269.** The main purpose of the restaurant review is to
- tell people they probably don't want to eat at Dilly's Deli.
 - make fun of couples who argue in public.
 - recommend the hamburger steak special.
 - warn people that Dilly's Deli tends to be crowded.
- 270.** The main purpose of the Chamber of Commerce brochure is to
- profile the owner of Dilly's Deli.
 - describe in detail the food served at Dilly's Deli.
 - encourage people to eat at Dilly's Deli.
 - explain the historical significance of the Dilly's Deli Building.

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The Hopkinton Town Council met last night to address the question of building a skate-board ramp in Wilcox Park, but the public response segment of the meeting took much longer than anticipated, and the question had to be shelved until next meeting.

Chairman Mark Santucci opened the floor for public comment soon after the issue was raised, and for the next two hours the public took advantage of the opportunity. An estimated 375 local residents turned out for the meeting, and nearly 200 of those present stepped to the microphone to voice their views.

Many residents were vehemently opposed to the proposal to build a large skate boarding area in the southeast corner of the park. The proposed facilities would include a “tunnel,” several ramps, and a “dish”—all made of cement for use by skate-boarders.

“The last thing we need in this town,” stated Michael Fritz of Hopkinton, “is more graffiti. If we put in a skate board park, that’s exactly what we’ll get for our efforts.”

A few of those who spoke, however, endorsed the proposal.

“Our kids need fresh air and exercise,” complained Betty Kelly of Hopkinton. “They spend too much time as it is playing video games. This would give them someplace to go.”

The next meeting was scheduled for June 15.

- 271.** What is the central issue that is causing conflict in Hopkinton, according to this passage?
- the delay in resolving the skate boarding issue
 - whether taxpayers should pay for park improvements
 - the moral implications of skate boarding
 - whether the town should build a skate board park
- 272.** What is the central argument of Betty Kelly’s comments?
- Kids need more freedom and less supervision.
 - Kids need a place to play outdoors.
 - Parents nowadays are irresponsible.
 - The town council needs to be more responsive.

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- 273.** The underlined word *vehemently*, as used in the passage, most nearly means
- vehicle.
 - passive.
 - inadvertently.
 - passionately.
- 274.** Why did the Town Council shelve the proposal until next meeting?
- They were divided 50/50 on the issue.
 - They needed more time for research.
 - The chairman had another engagement.
 - The public response took longer than expected.

COMPARE and CONTRAST

The technique of finding similarities (comparing) and differences (contrasting) between two or more facts of ideas. For example:

Bird and Kite

both fly (compare); one is alive,
the other is man-made (contrast)

During those barren winter months, with windows overlooking long-dead gardens, leafless trees, and lawns that seem to have an ashy look about them, nothing soothes the jangled nerves more than the vibrant green of plants surrounding the living spaces of one's home. People browse through garden stores just to get a whiff of chlorophyll and to choose a plant or two to bring spring back into their winter-gray lives.

Now there is even more of a need for "the green," in light of recent articles warning us of the hazards of chemicals that we, ourselves, introduce into our homes. Each time we bring clothes home from the cleaners, we release those chemicals into the closed-in air of our dwellings. Every cleanser releases its own assortment of fumes. Some of the chemicals are formaldehyde, chlorine, benzene, styrene, etc. Read the labels on many home products, the ingredients aren't even listed! During the winter, when those same windows are shut tight, we breathe in these chemicals—causing symptoms

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much like allergies. In fact, most people probably dismiss the effects of these chemicals simply as a flare up of some allergy or other. The truth is that we are experiencing a syndrome that is called Multiple Chemical Sensitivity. Now, what has this got to do with green plants? Everything healthy! Research has been conducted with two types of plants that have actually removed much of these harmful chemicals from the air.

The two plants that seem to be the best bet for ridding one's home of such chemicals are ferns and palms. These plants release moisture as part of photosynthesis and, as they do, pull chemicals from the air into their leaves. Even NASA has conducted some greenhouse experiments for long-term space exploration. Within hours, their plants [palms] had removed almost all traces of formaldehyde in the room. Both species of plants are ancient, dating back more than a hundred million years. Another trait they share is that they both live long lives, 100 years or more. This we expect from trees, but ferns and palms are plants; plants that can grow to 65 feet in the proper setting! Even their individual leaves live for one to two years [ferns] and one to nine years [palms]. Perhaps it is their primal qualities that have contributed to their ability to purify their environment.

- 275.** What is the main idea of the passage?
- Our homes are full of contaminants.
 - Our allergies are caused by chemicals found in the home.
 - All plants release moisture in the home.
 - Certain plants can purify the home of many harmful chemicals.
- 276.** According to the passage, when a few harmful chemicals combine, they can
- cause us to experience allergies.
 - cause a monumental task for homeowners.
 - contribute to a syndrome called Multiple Chemical Sensitivity.
 - contribute to photosynthesis in plants.
- 277.** The passage indicates that research
- has only been conducted using specific plants.
 - has only been conducted by NASA.
 - has not identified the sources of these chemical impurities.
 - has only benefited long term space exploration.

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- 278.** The passage infers a relationship between the antiquity of ferns and palms and their ability to
- a. live long.
 - b. purify the air.
 - c. grow leaves that live long.
 - d. react successfully in research experiments.
- 279.** A good title for this passage is
- a. Research in the New Millennium.
 - b. Home Dangers.
 - c. Common Houseplants May Purify Your Home.
 - d. NASA Experiment Finds the Cure.

Despite their similarities, the pyramids of Egypt and Mesoamerica seem to be unrelated because of distinct differences in the time of construction as well as their design and function. Historians have discovered that the construction of the pyramids in Egypt and Mesoamerica are separated by over 2,000 years. The Egyptians used only cut stone quarried many miles away from the pyramid sites—a construction method that enabled them to construct sturdy buildings that could withstand the test of time.

On the other hand, the pyramids of Mesoamerica were not built to withstand the ravages of time. Rather, the step pyramids rose in tiers, on the top of which a small temple was erected. Unlike the Egyptians, they used irregular stones.

Also, they did not share the same basic design function. The Egyptian pyramids were private tombs meant to separate the pharaoh's remains from the mainstream of society and protect him for eternity, while the pyramids of Mesoamerica were primarily public temples of ritual and celebration.

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- 280.** The main idea of this passage is best summed up in which statement?
- Pyramids in Egypt and Mesoamerica are similar.
 - Egyptians assisted Mesoamerican pyramid builders.
 - Pyramids in Egypt and Mesoamerica have distinct differences.
 - Scientists do not know who built the pyramids.
- 281.** This passage best supports the statement that
- the Egyptians used stone quarried many miles away from the pyramid site.
 - the pyramids of Mesoamerica were built to last for eternity.
 - the Egyptian pyramids were public tombs.
 - the Egyptian and Mesoamerican pyramids were built during the same time period.
- 282.** The passage best supports the statement that
- Egyptian and Mesoamerican pyramids shared the same design function.
 - both pyramids were used as temples of ritual and celebration.
 - Egyptian and Mesoamerican pyramids shared the same construction methods.
 - Mesoamerican pyramids were used for ritual and celebration.
- 283.** The underlined word *eternity* in the passage most nearly means which of the following?
- for a short time
 - temporary
 - for all time
 - never

501 Reading Comprehension Questions

Beginning March 1, the company will be instituting a new dress code. Employees are to be professional in their appearance at all times. “Professional attire” is a flexible term to some degree, but the final judgment shall be left to management in all areas. Some guidelines include the following:

Men:

- Neckties are recommended for all salaried and exempt employees. Non-exempt and hourly employees may or may not be required to wear neckties, depending upon job duties and the discretion of management.
- Sweaters or sports jackets are not required, but may still be considered appropriate for certain situations, such as meetings with clients. Management retains the option to mandate such in certain circumstances.
- Blue jeans are never appropriate, except on certain specified days—such as “casual Fridays” or “dress-down days,” at the discretion of management.
- Sneakers and running shoes are not appropriate unless the employee’s duties require excessive walking or stand-up work, or when required by medical or health issues. Management shall retain the right to make specific exceptions as necessary.

Women:

- Pant-suits are acceptable, provided that they retain a professional appearance.
- Shorts, “hot pants,” “culottes,” and similar attire is never appropriate. This includes “dress-down days” and other times of casual attire.
- Skirts and dresses should be of at least moderate length, reaching the knees. Dresses and skirts above the knees are considered inappropriate at all times, including “dress-down days” and other times of casual attire.

501 Reading Comprehension Questions

- Blue jeans are never appropriate, except on certain specified days—such as “casual Fridays” or “dress-down days,” at the discretion of management.
- Sneakers and running shoes are not appropriate unless the employee’s duties require excessive walking or stand-up work, or when required by medical or health issues. Management shall retain the right to make specific exceptions as necessary.

- 284.** What is the main idea of this passage?
- a. Employees must follow orders.
 - b. Management has the final say.
 - c. Employees must always appear professional.
 - d. Blue jeans are unacceptable in the work place.
- 285.** The underlined word *mandate*, as used in the passage, most nearly means
- a. to make something optional.
 - b. a common form of office communication.
 - c. to enjoy a social outing with friends.
 - d. to make something a requirement.
- 286.** From this dress code, you could infer that T-shirts are
- a. walways appropriate.
 - b. acceptable if they have no writing or advertising.
 - c. left up to the discretion of the employee.
 - d. never appropriate.
- 287.** What is the tone of this memo?
- a. informative
 - b. angry
 - c. sad
 - d. humorous

7

Reading Charts and Graphs, Understanding Directions

This is a section with questions that can be applied to situations that you find in everyday life. On the job, in your school, at the train station, in the grocery store, or in many other ordinary situations, you might find yourself trying to get information from a graph, chart, or table. You may even find situations where you have to listen to and act upon written or verbal directions.

Unlike other sections in this book, the questions that you answer in this section are based on concrete information, rather than hidden or implied material within the text. So the most important thing is to pay attention to every detail. Read every set of directions as many times as necessary. Also, read the title and footnotes carefully.

The ability to completely understand directions, graphs, charts, and tables is vital in today's information age, but as you may know, it is not

ANALYZE

Use explicit information to infer your own conclusions. This is often done by comparing and contrasting two or more pieces of information.

501 Reading Comprehension Questions

always easy. With a little practice, these types of questions can be the easiest. This section gives you ample opportunity to hone your skills.

The answers to this section begin on page 143.

Below and on the following pages are tables that are typical of the type you might be asked to read in a textbook or on the job. Note their simplicity and economy.

THE FUJUITA-PEARSON TORNADO INTENSITY SCALE

CLASSIFICATION	WIND SPEED	DAMAGE
F0	40–72 mph	Mild
F1	73–112 mph	Moderate
F2	113–157 mph	Significant
F3	158–206 mph	Severe
F4	207–260 mph	Devastating
F5	260–319 mph	Incredible
F6	319–379 mph	Inconceivable

- 288.** A tornado with a wind speed of 143 mph would be assigned which classification?
- a. F0
 - b. F1
 - c. F2
 - d. F3
- 289.** The names of the categories in the third column, labeled “Damage,” could best be described as
- a. scientific.
 - b. descriptive.
 - c. objective.
 - d. whimsical.

FOREST FIRES, TRI-COUNTY AREA JUNE 2005

DATE	AREA	NUMBER OF ACRES BURNED	PROBABLE CAUSE
June 2	Burgaw Grove	115	Lightning
June 3	Fenner Forest	200	Campfire
June 7	Fenner Forest	400	Equipment Use
June 12	Voorhees Air Base Training Site	495	Children
June 13	Murphy County Nature Reserve	200	Miscellaneous
June 14	Cougar Run Ski Center	160	Unknown
June 17	Fenner Forest	120	Campfire
June 19	Stone River State Park	526	Arson
June 21	Burgaw Grove	499	Smoking
June 25	Bramley Acres Resort	1,200	Arson
June 28	Hanesboro Crossing	320	Lightning
June 30	Stone River State Park	167	Campfire

- 290.** One week before the Cougar Run Ski Center fire, where did a fire occur?
- Fenner Forest
 - Voorhees Air Base Training Site
 - Murphy County Nature Reserve
 - Burgaw Grove
- 291.** According to the table, lightning fires
- occurred at Burgaw Grove and Fenner Forest.
 - consumed less than 500 acres.
 - consumed more acres than suspected arson fires.
 - occurred more frequently than fires caused by campfires.

501 Reading Comprehension Questions

- 292.** Which of the following incidents at Hanesboro Crossing would be considered an act of nature?
- a. A group of rowdy teenagers tossed a match into a tent.
 - b. A deer hunter lighting a cigarette accidentally tossed a match too close to a dry shrub.
 - c. An inexperienced camper filled a camp stove with gasoline and it exploded.
 - d. Lightning struck a tree in the forest.

HURST COUNTY TOWNS, NUMBER OF DAYS WITHOUT SIGNIFICANT PRECIPITATION *

TOWN	NUMBER OF DAYS	STATUS**
Riderville	38	level two
Adams	25	level one
Parkston	74	level three
Kings Hill	28	level two
West Granville	50	level three
Braxton	23	level three
Chase Crossing	53	level four
Livingston Center	45	level three

* *Less than half an inch in a 48-hour period.*

** *The higher the level, the greater potential for fire.*

- 293.** The status of the town with the most number of days without significant precipitation is
- a. level one.
 - b. level two.
 - c. level three.
 - d. level four.
- 294.** Compared to Kings Hill, Chase Crossing
- a. is more likely to experience a fire.
 - b. is less likely to experience a fire.
 - c. is just as likely to experience a fire.
 - d. has gone a shorter period of time without significant precipitation.

**DISTRIBUTION OF OCCUPATIONS
OF 200 ADULT MALES IN THE BAIDYA CASTE,
MADARIPUR VILLAGE, BENGAL, 1914**

OCCUPATION	NUMBER
farmers	02
government service, clerks	44
lawyers	06
newspapers and presses	05
no occupation	25
not recorded	08
students	68
teachers	11
trade and commerce	23
other	08

- 295.** The *largest* number of men in the Baidya caste of Madaripur are involved in which field?
- education
 - agriculture
 - government
 - publishing
- 296.** The *smallest* number of men in the Baidya caste of Madaripur are involved in which field?
- education
 - agriculture
 - government
 - publishing

501 Reading Comprehension Questions**MEN'S AND WOMEN'S TABLE TENNIS,
SUMMER OLYMPICS 2004**

COUNTRY	GOLD	SILVER	BRONZE	TOTAL
China	3	1	2	6
Korea	1	1	1	3
Denmark	0	0	1	1

**WOMEN'S TABLE TENNIS,
SUMMER OLYMPICS 2004**

COUNTRY	GOLD	SILVER	BRONZE	TOTAL
China	2	0	1	3
Korea	0	1	1	2
Hong Kong	0	0	0	0

**MEN'S TABLE TENNIS,
SUMMER OLYMPICS 2004**

COUNTRY	GOLD	SILVER	BRONZE	TOTAL
China	1	1	1	3
Demark	0	0	1	1
Hong Kong	0	1	0	1

501 Reading Comprehension Questions

- 297.** According to the Men's and Women's Table Tennis chart, which country received the most medals for both men and women in table tennis?
- China
 - Korea
 - Denmark
 - Hong Kong
- 298.** In the Men's Table Tennis competition, which country only won a bronze medal?
- China
 - Hong Kong
 - Denmark
 - Korea
- 299.** In which competition did Korea win an equal number of gold, silver, and bronze medals?
- the Men's competition
 - the Women's competition
 - no equal amounts
 - the combined Men's and Women's competition
- 300.** Which of the following countries won one bronze medal and no other medals?
- Korea
 - Denmark
 - China
 - Hong Kong

**MOUNT WASHINGTON, NEW HAMPSHIRE WEATHER
DATA ELEVATION: 6,288 FEET
LATITUDE: 44 16N LONGITUDE: 071 18W**

YEARLY	JANUARY	FEBRUARY	MARCH	APRIL
Average Temperature				
27° (Fahrenheit)	6°	6°	13°	23°
Average Precipitation				
90.7 inches	7.1 inches	7.4 inches	7.9 inches	7.2 inches
Average Snowfall				
41 inches	40 inches	40.8 inches	42.5 inches	31.3 inches

- 301.** What is the average snowfall for the month of February?
- 7.4 inches
 - 13 inches
 - 40 inches
 - 40.8 inches
- 302.** What is the average temperature for the month of April?
- 6°
 - 13°
 - 23°
 - 31.3°
- 303.** What is the average snowfall for the year?
- 41 inches
 - 40 inches
 - 42.5 inches
 - 31.3 inches
- 304.** What is the average precipitation for the month of March?
- 90.7 inches
 - 7.4 inches
 - 7.9 inches
 - 7.2 inches

501 Reading Comprehension Questions

Below is a fictional table similar to something that you might encounter in a publication from the IRS.

INCOME RANGE (X \$1,000)	INCOME TAX (%)	SOCIAL SECURITY (%)
0–15	0	0
15–20	10	5
20–25	12	7
25–40	13	9
40–70	15	7
70–100	18	5
100+	20	3

- 305.** How much tax will you pay if you earn \$28,000?
- a. 7%
 - b. \$13
 - c. \$13,000
 - d. 13%
- 306.** How much Social Security will you pay if you earn \$75,000?
- a. 5%
 - b. \$12,000
 - c. 18%
 - d. none
- 307.** What is the highest salary you can earn and still pay no taxes?
- a. \$21,999
 - b. \$20,000
 - c. \$18,000
 - d. \$15,000
- 308.** What salary range pays 15 percent total, including tax and Social Security?
- a. \$25,000 – \$40,000
 - b. \$20,000 – \$25,000
 - c. \$15,000 – \$20,000
 - d. 0 – \$15,000

501 Reading Comprehension Questions

For many occupations, workers are asked to read policy, work instructions, and rules. Following are a number of job-related passages. Start with these relatively simple notices posted for workers.

Notice 1

All drivers are responsible for refueling their vehicles at the end of each shift. All other routine maintenance should be performed by maintenance-department personnel, who are also responsible for maintaining service records. If a driver believes a vehicle is in need of mechanical repair, the driver should fill out the pink repair requisition form and give it to the shift supervisor. The driver should also notify the shift supervisor verbally whether, in the driver's opinion, the vehicle must be repaired immediately or may be driven until the end of the shift.

- 309.** If a vehicle is due to have the oil changed, whose responsibility is it?
- a. maintenance-department personnel
 - b. the drivers at the end of their shifts
 - c. shift supervisors
 - d. outside service mechanics
- 310.** The passage implies that the vehicles
- a. are refueled when they have less than half a tank of gas.
 - b. have the oil changed every 1,000 miles.
 - c. are refueled at the end of every shift.
 - d. are in frequent need of repair.

Notice 2

Beginning next month, the city will institute a program intended to remove graffiti from city-owned delivery trucks. Any truck that finishes its assigned route before the end of the driver's shift will return to its lot where supervisors will provide materials for that driver to use while cleaning the truck. Because the length of time it takes to complete different tasks and routes vary, trucks within the same department will no longer be assigned to specific routes but will be rotated among the routes. Therefore, drivers should no longer leave personal items in the trucks, because they will not necessarily be driving the same truck each day, as they did in the past.

- 311.** According to the passage, the removal of graffiti from trucks will be done by
- a. a small group of drivers specifically assigned to the task.
 - b. custodians who work for the city.
 - c. any supervisor or driver who finishes a route first.
 - d. each driver as that driver finishes the assigned route.
- 312.** According to the passage, routes within particular departments
- a. vary in the amount of time they take to complete.
 - b. vary in the amount of graffiti they are likely to have on them.
 - c. are all approximately of equal length.
 - d. vary according to the truck's driver.
- 313.** According to the passage, prior to instituting the graffiti clean-up program, city workers
- a. were not responsible for cleaning the trucks.
 - b. had to repaint the trucks at intervals.
 - c. usually drove the same truck each workday.
 - d. were not allowed to leave personal belongings in the trucks.

Directions to Job Interview

Acme Necktie Company is located at $512\frac{1}{2}$ Windsor Blvd., next to Dave's Body Shop. You'll take I-95 to exit 12, then bear right onto Suspender Beltway. Turn left at the second light onto Garter Street, then right onto Wingtip Dr. Windsor Blvd. is your third left, and we're about halfway down on the right. Please wear a tie.

- 314.** What street will you be on when you reach Windsor Blvd.?
- Wingtip Dr.
 - Garter St.
 - Suspender Beltway
 - not stated

All Drivers Take Note

The City Transit supervisors have received numerous complaints over the last several weeks about buses on several routes running hot. Drivers are reminded that each route has several checkpoints at which drivers should check the time. If the bus is ahead of schedule, drivers should delay at the checkpoint until it is the proper time to leave. If traffic makes it unsafe for a driver to delay at a particular checkpoint, the driver should proceed at a reasonable speed to the next stop and hold there until the bus is back on schedule.

- 315.** According to the passage, when a bus is *running hot*, it means
- the bus is going too fast and the engine is overheating.
 - the bus is running ahead of schedule.
 - the bus is running behind schedule.
 - passengers are complaining about the bus being off schedule.
- 316.** The main point of the passage is that drivers should
- stop their buses when traffic is unsafe.
 - drive at a reasonable speed.
 - check the time at every stop.
 - see that their buses run on schedule.

Important Warning

Only certain people are qualified to handle hazardous waste. Hazardous waste is defined as any waste designated by the U.S. Environmental Protection Agency as hazardous. If you are unclear whether a particular item is hazardous, you should not handle the item but should instead notify a supervisor of the Sanitation.

- 317.** Hazardous waste is defined as
- a. anything too dangerous to handle.
 - b. waste picked up by special sanitation trucks.
 - c. anything so designated by the U.S. Environmental Protection Agency.
 - d. waste not allowed to be placed alongside regular residential garbage.
- 318.** Sanitation Worker Harris comes upon a container of cleaning solvent along with the regular garbage in front of a residence. The container does not list the contents of the cleaner. Therefore, according to the directions, Harris should
- a. assume the solvent is safe and deposit it in the sanitation truck.
 - b. leave a note for the residents, asking them to list the contents of the solvent.
 - c. simply leave the container on the curb.
 - d. contact the supervisor for directions.

Notice of Mandatory Refresher Training Course

During the next ten months, all bus operators with two or more years of service will be required to have completed 20 hours of refresher training on one of the Vehicle Maneuvering Training Buses.

Instructors who have used this new technology report that trainees develop skills more quickly than with traditional training methods. In refresher training, this new system reinforces defensive driving skills and safe driving habits. Drivers can also check their reaction times and hand-eye coordination.

As an added benefit, the city expects to save money with the simulators, because the new system reduces the amount of training time in an actual bus—saving on parts, fuel, and other operating expenses.

- 319.** All bus operators are required to do which of the following?
- a. Receive training in defensive driving and operating a computer.
 - b. Complete ten months of refresher driver training.
 - c. Train new drivers on how to operate a simulator.
 - d. Complete 20 hours of training on a simulator.
- 320.** The main purpose of the refresher training course on the simulator is to
- a. make sure that all bus operators are maintaining proper driving habits.
 - b. give experienced bus operators an opportunity to learn new driving techniques.
 - c. help all bus operators to develop hand-eye coordination.
 - d. reduce the city's operating budget.

Notice: Training to Begin for F.A.S.T. Membership

A training calendar and schedule for Fire Agency Specialties Team (F.A.S.T.) membership is available in this office to all applicants for F.A.S.T. membership. Training will take place the third week of each month. Classes will be taught on Monday afternoons, Wednesday evenings, and Saturday afternoons.

501 Reading Comprehension Questions

So that the F.A.S.T. can maintain a high level of efficiency and preparedness for emergency response situations, its members must meet certain requirements.

First, in order for you to be considered for membership on F.A.S.T., your department must be a member of the F.A.S.T. organization, and you must have written permission from your fire chief or your department's highest ranking administrator.

Once active, you must meet further requirements to maintain active status. These include completion of technician-level training and certification in hazardous material (hazmat) operations. In addition, after becoming a member, you must also attend a minimum of 50% of all drills conducted by F.A.S.T. and go to at least one F.A.S.T. conference. You may qualify for alternative credit for drills by proving previous experience in actual hazmat emergency response.

If you fail to meet minimum requirements, you will be considered inactive, and the director of your team will be notified. You will be placed back on active status only after you complete the training necessary to meet the minimum requirements.

- 321.** Potential F.A.S.T. members can attend less than half of F.A.S.T. drills if they
- complete technician-level training requirements.
 - indicate prior real emergency experience.
 - receive permission from their fire chief.
 - enroll in three weekly training sessions.
- 322.** Which of the following is the main subject of the passage?
- preparing for hazmat certification
 - the main goal of F.A.S.T.
 - completing F.A.S.T. membership requirements
 - learning about your department's F.A.S.T. membership
- 323.** Applicants must be available for training
- three days each month.
 - three days each week.
 - every third month.
 - for 50% of classes.

Notice: Change to Policies and Procedures

Beginning on July 1, the company will institute some changes to our policies and procedures (P&P). Please take time before that date to familiarize yourself with both the existing P&P and the planned changes. The P&P can be found on the company website under the “P/P” link.

Certain changes may affect your job description, vacation time, medical benefits, or other aspects of employment. These changes will become effective beginning July 31, but will not be considered retroactive. Some areas that will change include the following:

- Overtime cap for hourly employees
- Sick time for salaried employees
- Safety requirements for yard workers
- Dress code for office employees

If you have any questions concerning these changes, please contact the Human Resources office at ext. 412. All employees will be expected to understand and abide by the new P&P statement, as defined on our website and in our employee handbook.

- 324.** The purpose of this passage is to
- a. warn employees that things are about to get worse.
 - b. intimidate employees into following correct procedures.
 - c. inform employees of upcoming policy changes.
 - d. instruct employees on how to contact Human Resources.
- 325.** When will the policies and procedures change?
- a. not stated
 - b. June 30
 - c. July 31
 - d. July 1
- 326.** Which of the following is NOT mentioned as an effect of the upcoming changes?
- a. medical benefits
 - b. dress code
 - c. salary caps
 - d. vacation time

501 Reading Comprehension Questions

As you begin to read the poems in this section, it is important to understand who is speaking in the poem. (The speaker may not be the poet.) Once you can identify the narrator, you should be able to get an idea of the narrator's attitude toward the subject, and this is easily discovered by the author's word choice. Through the images that the words make, you should be able to answer the questions correctly.

POETRY

Most Traditional poetry follows a rhythmic pattern and rhyme scheme. Note how these two lines rhyme and share the same rhyme and share the same rhythm or meter:

He who fights and runs away

Lives to fight another day.

501 Reading Comprehension Questions

The answers to this section begin page 157.

The following poem is by Alfred, Lord Tennyson. Consider the title of this poem as a guide to meaning.

The Eagle

He clasps the crag with crooked hands;
Close to the sun in lonely lands,
Ringed with the azure world he stands.

The wrinkled sea beneath him crawls;
He watches from his mountain walls,
And like a thunderbolt he falls.

- 329.** Given the tone of the poem, and noting especially the last line, what is the eagle most likely doing in the poem?
- a. dying of old age
 - b. hunting prey
 - c. learning joyfully to fly
 - d. keeping watch over a nest of young eagles
- 330.** To which of the following do the underlined words *azure world* most likely refer?
- a. a forest
 - b. the sky
 - c. the cliff
 - d. nature
- 331.** In the second stanza, first line, to which of the following does the verb *crawls* refer?
- a. waves
 - b. sunlight on the water
 - c. the eagle's prey
 - d. the eagle itself

501 Reading Comprehension Questions

This poem, by Emily Dickinson, is a sort of riddle. Depending on your life experiences, the answer may be immediately clear, or it may very well not be. Look closely for clues in the language.

A Narrow Fellow in the Grass

A narrow Fellow in the grass
Occasionally rides—
You may have met him—did you not
His notice sudden is—
The Grass divides as with a Comb—
A spotted shaft is seen—
And then it closes at your feet
And opens further on—
He likes a Boggy Acre—
A Floor too cool for Corn—
Yet when a Boy, and Barefoot—
I more than once at Noon
Have passed, I thought, a Whip-lash
Unbraiding in the Sun—
When, stooping to secure it,
It wrinkled, and was gone—

Several of Nature's People
I know, and they know me—
I feel for them a transport
Of cordiality—
But never met this Fellow,
Attended, or alone—
Without a tighter breathing
And zero at the bone—

- 332.** Who or what is the *Fellow* in this poem?
- a whip-lash
 - a snake
 - a gust of wind
 - a boy

501 Reading Comprehension Questions

- 333.** The phrase *Without a tighter breathing / And zero at the bone* most nearly indicates
- a. fright.
 - b. cold.
 - c. grief.
 - d. awe.
- 334.** The phrase *Nature's People* means
- a. nature-lovers.
 - b. children.
 - c. animals.
 - d. neighbors.
- 335.** The speaker of this poem is most likely
- a. an adult woman.
 - b. an adult man.
 - c. Emily Dickinson, the poet.
 - d. a young boy.

501 Reading Comprehension Questions

It's true that poems often have two levels—one literal, one figurative. The next poem, also by Emily Dickinson, is full of images from nature. In exploring the second level of meaning, consider the speaker's attitude, revealed especially through surprising and jarring word choices.

Apparently with No Surprise

Apparently with no surprise
To any happy flower,
The frost beheads it at its play
In accidental power.

The blond assassin passes on,
The sun proceeds unmoved
To measure off another day
For an approving God.

- 336.** Which of the following most nearly describes the author's attitude toward nature as expressed in this poem?
- a. delight
 - b. dismay
 - c. indifference
 - d. reverence
- 337.** The poem implies that the attitude of the flowers toward the frost is one of
- a. fear.
 - b. horror.
 - c. acceptance.
 - d. reverence.
- 338.** The tone of the poem implies that the speaker probably regards God as
- a. benevolent.
 - b. just.
 - c. cruel.
 - d. angry.

501 Reading Comprehension Questions

Poetry often uses words in unexpected ways. This forces the reader to consider the deeper meanings of words, while also reflecting on the idea that the poet hopes to get across. Consider both the words and the ideas in this poem by Sir Walter Scott.

Patriotism

Breathes there the man with soul so dead,
Who never to himself hath said,
 “This is my own, my native land!”
Whose heart hath ne’er within him burned
As home his footsteps he hath turned
 From wandering on a foreign strand?
If such there breathe, go, mark him well;
For him no Minstrel raptures swell;
High though his titles, proud his name,
Boundless his wealth as wish can claim;
Despite those titles, power, and pelf,
The wretch, concentred all in self,
Living, shall forfeit fair renown,
And, doubly dying, shall go down
To the vile dust from whence he sprung,
Unwept, unhonored, and unsung.

- 339.** What is the most likely meaning of the underlined word *pelf*, as used in this poem?
- a. power
 - b. wealth
 - c. stealth
 - d. health
- 340.** What is the poet’s main idea in this poem?
- a. Those who become rich must hate their country.
 - b. Traveling abroad helps a person appreciate home.
 - c. Those who do not love their country will not be honored.
 - d. Patriotism is the last refuge for scoundrels.

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- 341.** What does the poem mean that such people will be “doubly dying” (three lines from the end)?
- a. They will not die alone.
 - b. They will die physically and also be forgotten.
 - c. Their death will be painful.
 - d. They will die, then rise again.
- 342.** What does the underlined word *concentred* most likely mean?
- a. swirling or curved
 - b. arrogant, proud
 - c. focused on, concerned with
 - d. looking upward
- 343.** One can infer from this poem that Sir Walter Scott
- a. loved his homeland.
 - b. was from Great Britain.
 - c. hated war.
 - d. spoke many languages.

This next poem is by William Shakespeare.

The Seven Ages of Man

All the world's a stage,
And all the men and women merely players;
They have their exits and their entrances;
And one man in his time plays many parts.
His acts being seven ages. At first the infant,
Mewling . . . in the nurse's arms.
And then the whining schoolboy, with his satchel
And shining morning face . . . And then the lover,
Sighing like a furnace . . . Then a soldier
Full of strange oaths . . . Jealous of honor,
Sudden and quick in quarrel . . . And then the
justice . . .
Full of wise saws and modern instances;
And so he plays his part. The sixth age shifts
Into the lean and slippered pantaloon.
With spectacles on nose and pouch on side.
. . . and his big manly voice, Turning again toward
Childish treble, pipes and whistles in his sound.
Last scene of all,
That ends this strange eventful history,
Is second childishness, and mere oblivion,
Sans teeth, sans eyes, sans taste, sans everything.

- 344.** What attitude does the speaker reveal by using the word *merely* in the second line?
- sorrow
 - anger
 - amusement
 - indifference
- 345.** What characterizes the period of life represented by the soldier?
- brash behavior
 - his sense of honor
 - his dedication to duty
 - his fear of cowardice

501 Reading Comprehension Questions

- 346.** What is the main idea of this poem?
- Life is a misery that never gets any better at any time.
 - Life is what each of us makes of it during our journey down the river of eternity.
 - Life is a play and it follows a specific script, none of which should cause anguish or sorrow.
 - Life is a comedy, and we are all buffoons in pantaloons no matter what we do.
- 347.** What is the theme of the poem?
- Death is to be feared.
 - Life is a circle that brings us back to the beginning.
 - The male of the species is the only true measure of the stages of life.
 - The stages of life are unrelated and can be altered by each individual's free will.
- 348.** The poet uses the words *merely* (line 2) and *mere* (line 20)
- to soften the effect of the strong images he presents to us in those lines.
 - to tie together his theme of the cycle of life.
 - convey his tone to the reader.
 - all of the above.

9

Philosophy and Literature

The next passages are based on philosophy and literature. You don't have to be an expert in either subject to answer the questions correctly. All the information that you need is in the passage. Look for the main idea, words in context, and the topic sentence to help you understand the basic information. Then use your ability to make inferences based on the facts in the passage. Using all the available information in the passage will help you identify ideas not explicitly stated in the text.

PHILOSOPHY

The word *philosophy* literally means "love of wisdom." It refers to the writings of men and women who wrestle with life's universal questions.

501 Reading Comprehension Questions

The answers to this section begin on page 169.

The fictional world of Nobel Prize winner Toni Morrison’s novel *Sula*—the African-American section of Medallion, Ohio, a community called the Bottom—is a place where people and natural things are apt to go awry, to break from their prescribed boundaries, a place where bizarre and unnatural happenings and strange reversals of the ordinary are commonplace. The very naming of the setting of *Sula* is a turning upside-down of the expected; the Bottom is located high in the hills. The novel is filled with images of mutilation, both psychological and physical. A great part of the lives of the characters, therefore, is taken up with making sense of the world, setting boundaries, and devising methods to control what is essentially uncontrollable. One of the major devices used by the people of the Bottom is the seemingly universal one of creating a _____; in this case, the title character Sula—upon which to project both the evil they perceive outside themselves and the evil in their own hearts.

- 349.** Which of the following words would best fit into the blank in the final sentence of the passage?
- a. scapegoat
 - b. hero
 - c. leader
 - d. victim
- 350.** Based on the description of the setting of the novel *Sula*, which of the following adjectives would most likely describe the behavior of many of its residents?
- a. furtive
 - b. suspicious
 - c. unkempt
 - d. eccentric

LITERATURE

A broad term used to describe many types of writing, including fiction, biography, essays, and so forth.

501 Reading Comprehension Questions

Don't forget to look for the author's attitude in the material you read. Is it positive, negative, or neutral? Ask yourself, how might the author have spoken if he or she had felt differently?

The English language premiere of Samuel Beckett's play *Waiting for Godot* took place in London in August 1955. *Godot* is an avant-garde play with only five characters (not including Mr. Godot, who never arrives) and a minimal setting: one rock and one bare tree. The play has two acts; the second act repeats what little action occurs in the first with few changes: The tree, for instance, acquires one leaf. In a statement that was to become famous, the critic, Vivian Mercer, has described *Godot* as "a play in which nothing happens twice." Opening night, critics and playgoers greeted the play with bafflement and derision. The line, "Nothing happens, nobody comes, nobody goes. It's awful," was met by a loud rejoinder of "Hear! Hear!" from an audience member. _____.

However, Harold Hobson's review in *The Sunday Times* managed to recognize the play for what history has proven it to be, a revolutionary moment in theater.

- 351.** Which sentence, if inserted in the blank space on the previous page, would make the best sense in the context of the passage?
- a. The director, Peter Hall, had to beg the theater management not to close the play immediately but to wait for the Sunday reviews.
 - b. Despite the audience reaction, the cast and director believed in the play.
 - c. It looked as if *Waiting for Godot* was beginning a long run as the most controversial play of London's 1955 season.
 - d. *Waiting for Godot* was in danger of closing the first week of its run and of becoming nothing more than a footnote in the annals of the English stage.
- 352.** Judging from the information provided in the paragraph, which of the following statements is accurate?
- a. The 1955 production of *Waiting for Godot* was the play's first performance.
 - b. *Waiting for Godot* was written by Peter Hall.
 - c. The sets and characters in *Waiting for Godot* were typical of London stage productions in the 1950s.
 - d. *Waiting for Godot* was not first performed in English.

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- 353.** Which of the following provides the best definition of the term *avant-garde* as the author intends it in the passage?
- a. innovative
 - b. unintelligible
 - c. foreign
 - d. high-brow
- 354.** Which of the following best describes the attitude of the author of the passage toward the play *Waiting for Godot*?
- a. It was a curiosity in theater history.
 - b. It is the most important play of the twentieth century.
 - c. It is too repetitious.
 - d. It represents a turning point in stage history.

DRAMA

Literature that is intended to be performed or “acted out,” such as a stage play. All of Shakespeare’s plays, for example, are *dramas*.

501 Reading Comprehension Questions

Plato, the famous Greek philosopher, taught that the things of the world around us are merely copies or “shadows” of greater, eternal realities. He used a metaphor of people living inside a cave to convey his ideas. The people inside the cave could not see the world outside the cave, they could only see shadows of people and animals as they passed by.

Plato was suggesting that the shadows would seem very real and alive to the people inside the cave, because that was all they had ever seen of the outside world. But these shadows were not the real, living creatures of the outside world, they were merely reflections of them. Plato’s point was that this temporal world is a _____ of some greater, eternal reality.

- 355.** The word that would most accurately fit the blank at the end of the second paragraph is
- picture.
 - contradiction.
 - corruption.
 - reversal.
- 356.** The underlined word *convey*, as used in this passage, most accurately means
- give birth to.
 - rationalize.
 - experiment.
 - explain.
- 357.** What is the main idea of Plato’s cave analogy?
- This world is not all there is.
 - Mankind cannot hope to see the truth.
 - Humans are stupid.
 - Real things cast shadows.
- 358.** The author’s purpose in this passage is to
- refute Plato’s philosophy.
 - explain Plato’s philosophy.
 - convince the reader that life is like a cave.
 - entertain the reader.

501 Reading Comprehension Questions

- 359.** Which of the following would be the best title for this passage?
- a. Life in a Cave.
 - b. Making Shadow Puppets.
 - c. Plato's Cave Analogy.
 - d. Is There Life After Death?
- 360.** The underlined word *temporal*, as used in the passage, most nearly means
- a. hot.
 - b. right-handed.
 - c. old-fashioned.
 - d. temporary.

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This is an excerpt from Mark Twain's *Roughing It*. Twain gives an eyewitness account of the operation of the Pony Express, the West's first mail system.

The little flat mail-pockets strapped under the rider's thighs would each hold about the bulk of a child's primer. They held many an important business chapter and newspaper letter, but these were written on paper as airy and thin as gold-leaf, nearly, and thus bulk and weight were economized. The stagecoach traveled about a hundred to a hundred and twenty-five miles a day (twenty-four hours), the pony-rider about two hundred and fifty. There were about eighty pony-riders in the saddle all the time, night and day, stretching in a long, scattering procession from Missouri to California, 40 flying eastward, and 40 toward the west, and among them making 400 gal-lant horses earn a stirring livelihood and see a deal of scenery every single day in the year.

We had a consuming desire, from the beginning, to see a pony-rider, but somehow or other all that passed us and all that met us managed to streak by in the night, and so we heard only a whiz and a hail, and the swift phantom of the desert was gone before we could get our heads out of the windows. But now we were expecting one along every moment, and would see him in broad daylight. Presently the driver exclaims:

“HERE HE COMES!”

Every neck is stretched further, and every eye strained wider. Away across the endless dead level of the prairie a black speck appears against the sky, and it is plain that it moves. Well, I should think so! In a second or two it becomes a horse and rider, rising and falling, rising and falling, rising and falling—sweeping toward us nearer and nearer—growing more and more distinct, more and more sharply defined—nearer and still nearer, and the flutter of the hoofs comes faintly to the ear—another instant a whoop and a hurrah from our upper deck, a wave of the rider's hand, but no reply, and a man and a horse burst past our excited faces, and go swinging away like a belated fragment of a storm!

501 Sentence Completion Questions

- 361.** Based on the tone of the passage, which of the following words best describes the author's attitude toward the Pony Express rider?
- a. indifference
 - b. fear
 - c. bewilderment
 - d. excitement
- 362.** The sighting of the pony-rider is told from which viewpoint?
- a. a person sitting on a porch
 - b. a passenger inside a stagecoach
 - c. a passenger in a hot air balloon
 - d. a person picnicking
- 363.** The reader can infer that the stagecoach in the passage did not
- a. carry mail.
 - b. have windows.
 - c. travel by night.
 - d. travel a different route from that of the Pony Express.
- 364.** Which of the following is not supported by the passage?
- a. The mail was strapped in a pouch under the rider's thighs.
 - b. The rider rode great distances to deliver the mail.
 - c. People did not care about the Pony Express rider.
 - d. Usually eighty pony riders were in the saddle at any given time.

501 Reading Comprehension Questions

The material will seem less overwhelming if you consider it in smaller chunks. Notes or outlines may also help clarify the material for you.

Remember that the reading process is the same whether the text is long or short, complex or simple, and the way to respond to the questions correctly is to read closely and carefully.

TONE

The “feeling” or “atmosphere” that a writer creates in addressing a given subject. Tone is created through word choices, information that is included, information that is omitted, and so on.

Some tones include:

angry	supportive
hostile	humorous

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The walnut tree produces wood that is used for countless purposes, and is considered the finest wood in the world. The wood is easy to work with, yet it is very hard and durable—and when it is polished, it produces a rich, dark luster. It also shrinks and swells less than any other wood, which makes it especially desirable for fine furniture, flooring, and even gun stocks.

In fact, just about every part of the walnut is unusually hard and strong. The nut of the tree is encased inside a very hard shell, which itself is enclosed in a leathery outer covering called a husk. It requires real effort to break through those layers to get at the tasty meat inside.

Yet every part of the walnut is useful to people. The outer husk produces a dark reddish stain that is hard to remove from the hands of the person who opens the nut, and this pigment is widely used in dyes and wood stains. The inner shell is used as an abrasive to clean jet engines. And the meat of the nut is extensively used in cooking, ice cream, flavorings—and just eaten raw.

Walnut trees exude a chemical into the soil near their roots which can be poisonous to some trees and shrubs. Fruit trees, for example, will not survive if planted too close to a walnut. Many other plants, such as maple trees or ivy, are not affected by the walnut's presence, and are well-suited to grow in its vicinity.

- 365.** What is the topic of this passage?
- the use of walnut wood in furniture
 - walnut trees
 - where to plant walnuts
 - trees of North America
- 366.** What is the main idea of the passage?
- Trees are used for many things.
 - Maple trees grow well with walnuts.
 - Walnuts can kill other trees.
 - Walnut trees are valuable when planted correctly.
- 367.** As used in the passage, the underlined word *abrasive* most nearly means
- rough.
 - disagreeable.
 - soft.
 - fragrant.

501 Reading Comprehension Questions

- 368.** The author of the passage probably believes that
- a. walnut trees are endangered.
 - b. people should recycle more
 - c. people should grow walnut trees if possible.
 - d. maple trees are not good for furniture making.
- 369.** As used in the passage, the underlined word *exude* most nearly means
- a. give off.
 - b. naked.
 - c. smell bad.
 - d. leave the area.

Today, bicycles are elegantly simple machines that are common around the world. Many people ride bicycles for recreation, whereas others use them as a means of transportation. The first bicycle, called a *draisienne*, was invented in Germany in 1818 by Baron Karl de Drais de Sauerbrun. Because it was made of wood, the *draisienne* wasn't very durable nor did it have pedals. Riders moved it by pushing their feet against the ground.

In 1839, Kirkpatrick Macmillan, a Scottish blacksmith, invented a much better bicycle. Macmillan's machine had tires with iron rims to keep them from getting worn down. He also used foot-operated cranks, similar to pedals, so his bicycle could be ridden at a quick pace. It didn't look much like the modern bicycle, though, because its back wheel was substantially larger than its front wheel. Although Macmillan's bicycles could be ridden easily, they were never produced in large numbers.

In 1861, Frenchman Pierre Michaux and his brother Ernest invented a bicycle with an improved crank mechanism. They called their bicycle a *vélocipède*, but most people called it a "bone shaker" because of the jarring effect of the wood and iron frame. Despite the unflattering nickname, the *vélocipède* was a hit. After a few years, the Michaux family was making hundreds of the machines annually, mostly for fun-seeking young people.

Ten years later, James Starley, an English inventor, made several innovations that revolutionized bicycle design. He made the

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front wheel many times larger than the back wheel, put a gear on the pedals to make the bicycle more efficient, and lightened the wheels by using wire spokes. Although this bicycle was much lighter and less tiring to ride, it was still clumsy, extremely top-heavy, and ridden mostly for entertainment.

It wasn't until 1874 that the first truly modern bicycle appeared on the scene. Invented by another Englishman, H. J. Lawson, the safety bicycle would look familiar to today's cyclists. The safety bicycle had equal-sized wheels, which made it much less prone to toppling over. Lawson also attached a chain to the pedals to drive the rear wheel. By 1893, the safety bicycle had been further improved with air-filled rubber tires, a diamond-shaped frame, and easy braking. With the improvements provided by Lawson, bicycles became extremely popular and useful for transportation. Today, they are built, used, and enjoyed all over the world.

- 370.** There is enough information in this passage to show that
- several people contributed to the development of the modern bicycle.
 - only a few *vélocipèdes* built by the Michaux family are still in existence.
 - for most of the nineteenth century, few people rode bicycles just for fun.
 - bicycles with wheels of different sizes cannot be ridden easily.
- 371.** The first person to use a gear system on bicycles was
- H. J. Lawson.
 - Kirkpatrick Macmillan.
 - Pierre Michaux.
 - James Starley.
- 372.** This passage was most likely written in order to
- persuade readers to use bicycles for transportation.
 - describe the problems that bicycle manufacturers encounter.
 - compare bicycles used for fun with bicycles used for transportation.
 - tell readers a little about the history of the bicycle.

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- 373.** Macmillan added iron rims to the tires of his bicycle to
- add weight to the bicycle.
 - make the tires last longer.
 - make the ride less bumpy.
 - make the ride less tiring.

- 374.** Read the following sentence from the fourth paragraph:

Ten years later, James Starley, an English inventor, made several innovations that revolutionized bicycle design.

As it is used in the sentence, the underlined word *revolutionized* most nearly means

- cancelled.
 - changed drastically.
 - became outdated.
 - exercised control over.
- 375.** Which of the following statements from the passage represents the writer's *opinion*?
- The safety bicycle would look familiar to today's cyclists.
 - Two hundred years ago, bicycles didn't even exist.
 - The Michaux brothers called their bicycle a *vélocipède*.
 - Macmillan's machine had tires with iron rims.

501 Reading Comprehension Questions

One of the most hazardous conditions a firefighter will ever encounter is a backdraft (also known as a smoke explosion). A backdraft can occur in the hot-smoldering phase of a fire when burning is incomplete and there is not enough oxygen to sustain the fire. Unburned carbon particles and other flammable products, combined with the intense heat, may cause instantaneous combustion if more oxygen reaches the fire.

Firefighters should be aware of the conditions that indicate the possibility for a backdraft to occur. When there is a lack of oxygen during a fire, the smoke becomes filled with carbon dioxide or carbon monoxide and turns dense gray or black. Other warning signs of a potential backdraft are little or no visible flame, excessive heat, smoke leaving the building in puffs, muffled sounds, and smoke-stained windows.

Proper ventilation will make a backdraft less likely. Opening a room or building at the highest point allows heated gases and smoke to be released gradually. However, suddenly breaking a window or opening a door is a mistake, because it allows oxygen to rush in, causing an explosion.

- 376.** A backdraft is a dangerous condition for firefighters mainly because
- a. there is not enough oxygen for breathing.
 - b. the heat is extremely intense.
 - c. the smoke is dangerously thick.
 - d. an explosion occurs.
- 377.** Which of the following is not mentioned as a potential backdraft warning sign?
- a. windows stained with smoke
 - b. flames shooting up from the building
 - c. puffs of smoke leaving the building
 - d. more intense heat than usual

501 Reading Comprehension Questions

- 378.** To prevent the possibility of a backdraft, a firefighter should
- carry an oxygen tank.
 - open a door to allow gases to escape.
 - make an opening at the top of the building.
 - break a window to release carbon particles.
- 379.** When compared with a hot, smoldering fire, a fire with visible, high-reaching flames
- has more oxygen available for combustion.
 - has more carbon dioxide available for consumption.
 - produces more dense gray smoke.
 - is more likely to cause a backdraft.

The human body can tolerate only a small range of temperature, especially when the person is engaged in vigorous activity. Heat reactions usually occur when large amounts of water and/or salt are lost through excessive sweating following strenuous exercise. When the body becomes overheated and cannot eliminate this excess heat, heat exhaustion and heat stroke are possible.

Heat exhaustion is generally characterized by clammy skin, fatigue, nausea, dizziness, profuse perspiration, and sometimes fainting, resulting from an inadequate intake of water and the loss of fluids. First aid treatment for this condition includes having the victim lie down, raising the feet 8 to 12 inches, applying cool, wet cloths to the skin, and giving the victim sips of salt water (1 teaspoon per glass, half a glass every 15 minutes) over a 1-hour period.

Heat stroke is much more serious; it is an immediate life-threatening situation. The characteristics of heat stroke are a high body temperature (which may reach 106° F or more); a rapid pulse; hot, dry skin; and a blocked sweating mechanism. Victims of this condition may be unconscious, and first-aid measures should be directed at quickly cooling the body. The victim should be placed in a tub of cold water or repeatedly sponged with cool water until his or her temperature is sufficiently lowered. Fans or air conditioners will also help with the cooling process. Care should be taken, however, not to over-chill the victim once the temperature is below 102° F.

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- 380.** The most immediate concern of a person tending to a victim of heat stroke should be to
- get salt into the victim's body.
 - raise the victim's feet.
 - lower the victim's pulse.
 - lower the victim's temperature.
- 381.** Which of the following is a symptom of heat exhaustion?
- unconsciousness
 - profuse sweating
 - hot, dry skin
 - a weak pulse
- 382.** Heat stroke is more serious than heat exhaustion because heat stroke victims
- do not sweat.
 - have no salt in their bodies.
 - cannot take in water.
 - have frequent fainting spells.
- 383.** Symptoms such as nausea and dizziness in a heat exhaustion victim indicate that the person most likely needs to
- be immediately taken to a hospital.
 - be given more salt water.
 - be immersed in a tub of water.
 - sweat more.

501 Reading Comprehension Questions

Remember that much scientific and technical writing deals with cold, hard, explicit facts. This means that, with close reading, you stand a good chance of answering most, if not all, of the questions with confidence.

No longer is asthma considered a condition with isolated, acute episodes of bronchospasm. Rather, asthma is now understood to be a chronic inflammatory disorder of the airways—that is, inflammation makes the airways chronically sensitive. When these hyperresponsive airways are irritated, airflow is limited, and attacks of coughing, wheezing, chest tightness, and breathing difficulty occur.

Asthma involves complex interactions among inflammatory cells, mediators, and the cells and tissues in the airways. The interactions result in airflow limitation from acute bronchoconstriction, swelling of the airway wall, increased mucus secretion, and airway remodeling. The inflammation also causes an increase in airway responsiveness. During an asthma attack, the patient attempts to compensate by breathing at a higher lung volume in order to keep the air flowing through the constricted airways, and the greater the airway limitation, the higher the lung volume must be to keep airways open. The morphologic changes that occur in asthma include bronchial infiltration by inflammatory cells. Key effector cells in the inflammatory response are the mast cells, T lymphocytes, and eosinophils. Mast cells and eosinophils are also significant participants in allergic responses, hence the similarities between allergic reactions and asthma attacks. Other changes include mucus plugging of the airways, interstitial edema, and microvascular leakage. Destruction of bronchial epithelium and thickening of the subbasement membrane is also characteristic. In addition, there may be hypertrophy and hyperplasia of airway smooth muscle, increase in goblet cell number, and enlargement of submucous glands.

Although causes of the initial tendency toward inflammation in the airways of patients with asthma are not yet certain, to date the strongest identified risk factor is atopy. This inherited familial tendency to have allergic reactions includes increased sensitivity to allergens that are risk factors for developing asthma. Some of these allergens include domestic dust mites, animals with fur, cockroaches, pollens, and molds. Additionally, asthma may be triggered by viral respiratory infections, especially in children. By avoiding these aller-

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gens and triggers, a person with asthma lowers his or her risk of irritating sensitive airways. A few avoidance techniques include: keeping the home clean and well ventilated, using an air conditioner in the summer months when pollen and mold counts are high, and getting an annual influenza vaccination. Of course, asthma sufferers should avoid tobacco smoke altogether. Cigar, cigarette, or pipe smoke is a trigger whether the patient smokes or inhales the smoke from others. Smoke increases the risk of allergic sensitization in children, increases the severity of symptoms, and may be fatal in children who already have asthma. Many of the risk factors for developing asthma may also provoke asthma attacks, and people with asthma may have one or more triggers, which vary from individual to individual. The risk can be further reduced by taking medications that decrease airway inflammation. Most exacerbations can be prevented by the combination of avoiding triggers and taking anti-inflammatory medications. An exception is physical activity, which is a common trigger of exacerbations in asthma patients. However, asthma patients should not necessarily avoid all physical exertion, because some types of activity have been proven to reduce symptoms. Rather, they should work in conjunction with a doctor to design a proper training regimen, which includes the use of medication.

In order to diagnose asthma, a healthcare professional must appreciate the underlying disorder that leads to asthma symptoms and understand how to recognize the condition through information gathered from the patient's history, physical examination, measurements of lung function, and allergic status. Because asthma symptoms vary throughout the day, the respiratory system may appear normal during physical examination. Clinical signs are more likely to be present when a patient is experiencing symptoms; however, the absence of symptoms upon examination does not exclude the diagnosis of asthma.

- 384.** According to the passage, what is the name for the familial inclination to have hypersensitivity to certain allergens?
- interstitial edema
 - hyperplasia
 - hypertrophy
 - atopy

501 Reading Comprehension Questions

- 385.** Why does a person suffering from an asthma attack attempt to inhale more air?
- to prevent the loss of consciousness
 - to keep air flowing through shrunken air passageways
 - to prevent hyperplasia
 - to compensate for weakened mast cells, T lymphocytes, and eosinophils
- 386.** The passage suggests that in the past, asthma was regarded as which of the following?
- a result of the overuse of tobacco products
 - a hysterical condition
 - mysterious, unrelated attacks affecting the lungs
 - a chronic condition
- 387.** Which of the following would be the best replacement for the underlined word *exacerbations* in this passage?
- allergies
 - attacks
 - triggers
 - allergens
- 388.** The passage mentions all of the following bodily changes during an asthma attack except
- severe cramping in the chest.
 - heavy breathing.
 - airways blocked by fluids.
 - constricted airways.
- 389.** Although it is surprising, which of the following triggers is mentioned in the passage as possibly reducing the symptoms of asthma in some patients?
- using a fan instead of an air conditioner in summer months
 - exposure to second-hand cigarette smoke
 - the love of a family pet
 - performing physical exercise

501 Reading Comprehension Questions

- 390.** Why might a patient with asthma have an apparently normal respiratory system during an examination by a doctor?
- Asthma symptoms come and go throughout the day.
 - Severe asthma occurs only after strenuous physical exertion.
 - Doctor's offices are smoke free and very clean.
 - The pollen and mold count may be low that day.
- 391.** Who might be the most logical audience for this passage?
- researchers studying the respiratory system
 - healthcare professionals
 - a mother whose child has been diagnosed with asthma
 - an antismoking activist
- 392.** What is the reason given in this article for why passive smoke should be avoided by children?
- A smoke-filled room is a breeding ground for viral respiratory infections.
 - Smoke can stunt an asthmatic child's growth.
 - Smoke can heighten the intensity of asthma symptoms.
 - Breathing smoke can lead to a fatal asthma attack.

Millions of people in the United States are affected by eating disorders. More than 90% of those afflicted are adolescents or young adult women. Although all eating disorders share some common manifestations, anorexia nervosa, bulimia nervosa, and binge eating each have distinctive symptoms and risks.

People who intentionally starve themselves (even while experiencing severe hunger pains) suffer from anorexia nervosa. The disorder, which usually begins around the time of puberty, involves extreme weight loss to at least 15% below the individual's normal body weight. Many people with the disorder look emaciated but are convinced they are overweight. In patients with anorexia nervosa, starvation can damage vital organs such as the heart and brain. To protect itself, the body shifts into slow gear: Menstrual periods stop, blood pressure rates drop, and thyroid function slows. Excessive thirst and frequent urination may occur. Dehydration contributes to constipation, and reduced body fat leads to lowered body temperature and the inability to withstand cold. Mild anemia, swollen joints, reduced muscle mass, and light-headedness also commonly occur in anorexia nervosa.

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Anorexia nervosa sufferers can exhibit sudden angry outbursts or become socially withdrawn. One in ten cases of anorexia nervosa leads to death from starvation, cardiac arrest, other medical complications, or suicide. Clinical depression and anxiety place many individuals with eating disorders at risk for suicidal behavior.

People with bulimia nervosa consume large amounts of food and then rid their bodies of the excess calories by vomiting, abusing laxatives or diuretics, taking enemas, or exercising obsessively. Some use a combination of all these forms of purging. Individuals with bulimia who use drugs to stimulate vomiting, bowel movements, or urination may be in considerable danger, as this practice increases the risk of heart failure. Dieting heavily between episodes of bingeing and purging is common.

Because many individuals with bulimia binge and purge in secret and maintain normal or above normal body weight, they can often successfully hide their problem for years. But bulimia nervosa patients—even those of normal weight—can severely damage their bodies by frequent binge eating and purging. In rare instances, binge eating causes the stomach to rupture; purging may result in heart failure due to loss of vital minerals such as potassium. Vomiting can cause the esophagus to become inflamed and glands near the cheeks to become swollen. As in anorexia nervosa, bulimia may lead to irregular menstrual periods. Psychological effects include compulsive stealing as well as possible indications of obsessive-compulsive disorder, an illness characterized by repetitive thoughts and behaviors. Obsessive-compulsive disorder can also accompany anorexia nervosa. As with anorexia nervosa, bulimia typically begins during adolescence. Eventually, half of those with anorexia nervosa will develop bulimia. The condition occurs most often in women but is also found in men.

Binge-eating disorder is found in about 2% of the general population. As many as one-third of this group are men. It also affects older women, though with less frequency. Recent research shows that binge-eating disorder occurs in about 30% of people participating in medically supervised weight-control programs. This disorder differs from bulimia because its sufferers do not purge. Individuals with binge-eating disorder feel that they lose control of themselves when eating. They eat large quantities of food and do not stop until they are uncomfortably full. Most sufferers are overweight or obese and have a history of weight fluctuations. As a result, they are prone

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to the serious medical problems associated with obesity, such as high cholesterol, high blood pressure, and diabetes. Obese individuals also have a higher risk for gallbladder disease, heart disease, and some types of cancer. Usually they have more difficulty losing weight and keeping it off than do people with other serious weight problems. Like anorexic and bulimic sufferers who exhibit psychological problems, individuals with binge-eating disorder have high rates of simultaneously occurring psychiatric illnesses, especially depression.

- 393.** Fatalities occur in what percent of people with anorexia nervosa?
- 2%
 - 10%
 - 15%
 - 30%
- 394.** Which of the following consequences do all the eating disorders mentioned in the passage have in common?
- heart ailments
 - stomach rupture
 - swollen joints
 - diabetes
- 395.** According to the passage, people with binge-eating disorder are prone to all of the following EXCEPT
- loss of control.
 - depression.
 - low blood pressure.
 - high cholesterol.
- 396.** Which of the following is NOT a statement about people with eating disorders?
- People with anorexia nervosa commonly have a blood-related deficiency.
 - People with anorexia nervosa perceive themselves as overweight.
 - The female population is the primary group affected by eating disorders.
 - Fifty percent of people with bulimia have had anorexia nervosa.

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- 397.** People who have an eating disorder but nevertheless appear to be of normal weight are most likely to have
- obsessive-compulsive disorder.
 - bulimia nervosa.
 - binge-eating disorder.
 - anorexia nervosa.
- 398.** Glandular functions of eating-disorder patients slow down as a result of
- lowering body temperatures.
 - excessive thirst and urination.
 - protective measures taken by the body.
 - the loss of essential minerals.
- 399.** The inability to eliminate body waste is related to
- dehydration.
 - an inflamed esophagus.
 - the abuse of laxatives.
 - weight-control programs.
- 400.** According to the passage, which of the following is true of bulimia patients?
- They may demonstrate unpredictable social behavior.
 - They often engage in compulsive exercise.
 - They are less susceptible to dehydration than are anorexia patients.
 - They frequently experience stomach ruptures.
- 401.** Which of the following represent up to two-thirds of the binge-eating disorder population?
- older males
 - older females
 - younger males
 - younger females

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Greyhound racing is the sixth most popular spectator sport in the United States. Over the last decade, a growing number of racers have been adopted to spend their retirement as household pets, once their racing careers are over.

Many people hesitate to adopt a retired racing greyhound because they think only very old dogs are available. Actually, even champion racers only work until they are about three-and-a-half years old. Because greyhounds usually live to be 12 to 15 years old, their retirement is much longer than their racing careers.

People worry that a greyhound will be more nervous and active than other breeds and will need a large space to run. These are false impressions. Greyhounds have naturally sweet, mild dispositions, and while they love to run, they are sprinters rather than distance runners and are sufficiently exercised with a few daily laps around a fenced-in backyard.

Greyhounds do not make good watchdogs, but they are very good with children, get along well with other dogs (and usually cats as well), and are affectionate and loyal. They are intelligent, well-behaved dogs, usually housebroken in only a few days. A retired racing greyhound is a wonderful pet for almost anyone.

- 402.** Based on the tone of the passage, the author's main purpose is to
- teach prospective owners how to transform their racing greyhound into a good pet.
 - show how the greyhound's nature makes it equally good as racer and pet.
 - encourage people to adopt retired racing greyhounds.
 - objectively present the pros and cons of adopting a racing greyhound.
- 403.** According to the passage, adopting a greyhound is a good idea for people who
- do not have children.
 - live in apartments.
 - do not usually like dogs.
 - already have another dog or a cat.

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- 404.** Which of the following is implied by the passage?
- a. The public is more aware of greyhounds than they used to be.
 - b. Greyhounds are more competitive than other dogs.
 - c. Greyhound racing should not be allowed.
 - d. People who own pet rabbits should not adopt greyhounds.
- 405.** One drawback of adopting a greyhound is that
- a. greyhounds are not good with children.
 - b. greyhounds are old when they retire from racing.
 - c. the greyhound's sensitivity makes it temperamental.
 - d. greyhounds are not good watch dogs.
- 406.** This passage is most like an advertisement because it
- a. uses statistics to prove its point.
 - b. does not present information to substantiate its claims.
 - c. says nothing negative about greyhounds.
 - d. encourages people to do something.
- 407.** According to the passage, a retired racing greyhound available for adoption will most likely be
- a. happy to be retiring.
 - b. easily housebroken.
 - c. a champion, or else it would have been euthanized.
 - d. less high-strung than those that are not available for adoption.

The lives of the Ancient Greeks revolved around *eris*, a concept by which they defined the universe. They believed that the world existed in a condition of opposites. If there was good, then there was evil, if there was love, then there was hatred; joy, then sorrow; war then peace; and so on. The Greeks believed that good *eris* occurred when one held a balanced outlook on life and coped with problems as they arose. It was a kind of ease of living that came from trying to bring together the great opposing forces in nature. Bad *eris* was evident in the violent conditions that ruled men's lives. Although these things were found in nature and sometimes could not be controlled, it was believed that bad *eris* occurred when one ignored a problem, letting it grow larger until it destroyed not only that person, but his family

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as well. The Ancient Greeks saw *eris* as a goddess: Eris, the Goddess of Discord, better known as Trouble.

One myth that expresses this concept of bad *eris* deals with the marriage of King Peleus and the river goddess Thetis. Zeus, the supreme ruler, learns that Thetis would bear a child strong enough to destroy its father. Not wanting to father his own ruin, Zeus convinces Thetis to marry a human, a mortal whose child could never challenge the gods. He promises her, among other things, the greatest wedding in all of Heaven and Earth and allows the couple to invite whomever they please. This is one of the first mixed marriages of Greek Mythology and the lesson learned from it still applies today. They do invite everyone . . . except Eris, the Goddess of Discord. In other words, instead of facing the problems brought on by a mixed marriage, they turn their backs on them. They refused to deal directly with their problems and the result is tragic. In her fury, Eris arrives, ruins the wedding, causes a jealous feud between the three major goddesses over a golden apple, and sets in place the conditions that lead to the Trojan War. The war would take place 20 years in the future, but it would result in the death of the only child of the bride and groom, Achilles. Eris would destroy the parents' hopes for their future, leaving the couple with no legitimate heirs to the throne.

Hence, when we are told, "If you don't invite trouble, trouble comes," it means that if we don't deal with our problems, our problems will deal with us . . . with a vengeance! It is easy to see why the Greeks considered many of their myths learning myths, for this one teaches us the best way to defeat that which can destroy us.

- 408.** According to the passage, the ancient Greeks believed that the concept of *eris* defined the universe
- a. as a hostile, violent place.
 - b. as a condition of opposites.
 - c. as a series of problems.
 - d. as a mixture of gods and man.
- 409.** Most specifically, *bad* *eris* is defined in the passage as
- a. the violent conditions of life.
 - b. the problems man encounters.
 - c. the evil goddess who has a golden apple.
 - d. the murderer of generations.

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- 410.** It can be inferred that Zeus married Thetis off because
- he needed to buy the loyalty of a great king of mankind.
 - he feared the gods would create bad eris by competing over her.
 - he feared the Trojan War would be fought over her.
 - he feared having an affair with her and, subsequently, a child by her.
- 411.** It can also be inferred that Zeus did not fear a child sired by King Peleus because
- he knew that the child could not climb Mt. Olympus.
 - he knew that the child would be killed in the Trojan War.
 - he knew that no matter how strong a mortal child was, he couldn't overthrow an immortal god.
 - he knew that Thetis would always love him above everyone else.
- 412.** According to the passage, Achilles
- defeated Zeus during the Trojan War.
 - dies during the Trojan War.
 - was born 20 years after the war because of the disruption Eris caused at the wedding.
 - was the illegitimate son of Peleus.
- 413.** Which of the following statements is the message offered in the myth?
- Do not consider a mixed marriage.
 - Do not anger the gods.
 - Do not ignore the problems that arise in life.
 - Do not take myths seriously.

She was one of those pretty, charming women who are born, as if by an error of Fate, into a petty official's family. She had no dowry,¹ no hopes, nor the slightest chance of being loved and married by a rich man—so she slipped into marriage with a minor civil servant.

Unable to afford jewels, she dressed simply: But she was wretched, for women have neither caste nor breeding—in them beauty, grace, and charm replace pride of birth. Innate refinement, instinctive elegance, and wit give them their place on the only scale

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that counts, and these make humble girls the peers of the grandest ladies.

She suffered, feeling that every luxury should rightly have been hers. The poverty of her rooms—the shabby walls, the worn furniture, the ugly upholstery caused her pain. All these things that another woman of her class would not even have noticed, made her angry. The very sight of the little Breton girl who cleaned for her awoke rueful thoughts and the wildest dreams in her mind. She dreamt of rooms with Oriental hangings, lighted by tall, bronze torches, and with two huge footmen in knee breeches made drowsy by the heat from the stove, asleep in the wide armchairs. She dreamt of great drawing rooms upholstered in old silks, with fragile little tables holding priceless knickknacks, and of enchanting little sitting rooms designed for tea-time chats with famous, sought-after men whose attentions all women longed for.

She sat down to dinner at her round table with its three-day-old cloth, and watched her husband lift the lid of the soup tureen and delightedly exclaim: “Ah, a good homemade beef stew! There’s nothing better!” She visualized elegant dinners with gleaming silver and gorgeous china. She yearned for wall hangings peopled with knights and ladies and exotic birds in a fairy forest. She dreamt of eating the pink flesh of trout or the wings of grouse. She had no proper wardrobe, no jewels, nothing. And those were the only things that she loved—she felt she was made for them. She would have so loved to charm, to be envied, to be admired and sought after.

¹ dowry: property a woman brought to her husband in marriage.

This passage was adapted from “The Necklace,” by Guy de Maupassant.

- 414.** Which word best describes the actual living conditions of the couple in the selection?
- a. destitute
 - b. poor
 - c. comfortable
 - d. wealthy

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- 415.** Which line best demonstrates the couple's true economic standing?
- She had no dowry, no hopes, not the slightest chance of being married by a rich man . . .
 - The poverty of her rooms—the shabby walls, the worn furniture, the ugly upholstery caused her pain.
 - She sat down to dinner at her round table with its three-day-old cloth, and watched her husband lift the lid of the soup tureen . . .
 - The very sight of the little Breton girl who cleaned for her awoke rueful thoughts and the wildest dreams in her mind.
- 416.** According to the selection, what can be stated about the marriage of this woman?
- She married but was ashamed of the insignificant position her husband held.
 - She married on the rebound after a wealthy suitor had abandoned her.
 - She married for love without realizing the consequences to her social standing.
 - She never loved her husband.
- 417.** What can be inferred about the values of both husband and wife?
- They share the same values.
 - The husband values family and simple comforts of home, whereas his wife views these comforts as cause for her anguish.
 - The husband has ceased to enjoy the simple things and only strives to quench his wife's insatiable desire for luxury.
 - The husband believes that a wholesome meal can solve all problems, while his wife believes it is the presentation of the meal that counts.
- 418.** The main idea of the passage is
- to have the reader feel great sympathy for the wife.
 - to have the reader feel great sympathy for the husband.
 - to show the class distinctions that were so obvious during the setting of the story.
 - to show the reader how selfish and self-centered the wife is.

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- 419.** What part of speech does de Maupassant employ to weave the rich images he presents through the wife's descriptions?
- a. adjectives
 - b. adverbs
 - c. nouns
 - d. verbs

Arteries of the heart blocked by plaque can reduce the flow of blood to the heart possibly resulting in heart attack or death. Plaque is actually fat and cholesterol that accumulates on the inside of the arteries. The arteries of the heart are small and can be blocked by such accumulations. There is a medical procedure that creates more space in the blocked artery by inserting and inflating a tiny balloon into the blood vessel. It is called coronary balloon angioplasty. *Angioplasty* means "blood vessel repair." When the balloon is inflated, it compresses the plaque against the wall of the artery, creating more space and improving the flow of blood.

Many doctors choose this technique, because it is less invasive than bypass surgery. Yes, both involve entering the body cavity, but in bypass surgery, the chest must be opened, the ribs must be cut, and the section of diseased artery must be removed and replaced. To replace it, the patient's body is opened, once again, to acquire a healthy section of artery. Usually, this blood vessel is removed from an artery located in the calf of the leg. This means the patient now has two painful incisions that must heal at the same time. There is far more risk in such bypass surgery than in angioplasty, which involves threading a thin tube, called a catheter, into the circulatory system and working it to the damaged artery.

Angioplasty may take between 30 minutes to 3 hours to complete. It begins with a distinctive dye that is injected into the bloodstream. A thin catheter is then inserted into the femoral artery of the leg, near the groin. The doctor monitors the path of the dye using x-rays. He moves the tube through the heart and into the plaque-filled artery. He inflates the balloon, creating more space, deflates the balloon, and removes the tube. It is important to note that the plaque has not been removed; it has just been compressed against the sides of the artery. Sometimes, a *stent* may be implanted, a tiny tube of stainless steel that is expandable when necessary. Its function is to keep the artery open.

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There is good news and there is bad news. The good news is that the statistics compiled are superb. Ninety percent of all angioplasty procedures are successful. The risk of dying during an operation of this type is less than 2%. The risk of heart attack is also small: 3–5%. Yet heart surgeons do not take any risk lightly; therefore, a team of surgeons stands ready to perform bypass surgery if needed. The length of hospitalization is only three days. The bad news is twofold. First, this procedure treats the condition but does not eradicate the cause. In 20% of the cases, there is a recurrence of plaque. Second, angioplasty is not recommended for all patients. The surgeons must consider the patient's age, physical history, how severe the blockage is, and, finally, the degree of damage to the artery before they make their determination.

- 420.** When coronary arteries are blocked by plaque, one of the results could be
- a. stroke.
 - b. heart attack.
 - c. hospitalization.
 - d. femoral artery deterioration.
- 421.** According to the passage, angioplasty is defined as
- a. a tiny balloon.
 - b. a plaque-laden artery.
 - c. blood vessel repair.
 - d. bypass surgery.
- 422.** It can be inferred from the passage that *invasive* most closely means
- a. entering the body cavity.
 - b. causing infection.
 - c. resulting in hospitalization.
 - d. requiring a specialist's opinion.

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- 423.** The angioplasty procedure begins with
- a thin catheter being inserted into the femoral artery.
 - a balloon being inflated in the heart.
 - a special dye being injected into the bloodstream.
 - a healthy artery being removed from the calf.
- 424.** It can be inferred from the passage that
- a healthy artery is removed and awaits possible bypass surgery.
 - patients have trouble accepting the idea that a tiny balloon will cure the problem.
 - 3–5% of the patients refuse to undergo this procedure.
 - surgeons do not take even a 2% chance of death lightly.
- 425.** Which one of the following statements is true?
- The plaque that has caused the problem is not removed during angioplasty.
 - The risk of dying during an angioplasty procedure is 3–5%.
 - The coronary balloon angioplasty is a separate procedure from inflating a balloon into a blocked artery.
 - All of the above statements are true.

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The next passages are typical of those you might find in textbooks. The paragraphs are numbered for convenience.

(1) For centuries, time was measured by the position of the sun with the use of sundials. Noon was recognized when the sun was the highest in the sky, and cities would set their clock by this apparent solar time, even though some cities would often be on a slightly different time. Daylight Saving Time (DST), sometimes called summer time, was instituted to make better use of daylight. Thus, clocks are set forward one hour in the spring to move an hour of daylight from the morning to the evening and then set back one hour in the fall to return to normal daylight.

(2) Benjamin Franklin first conceived the idea of daylight saving during his tenure as an American delegate in Paris in 1784 and wrote about it extensively in his essay, “An Economical Project.” It is said that Franklin awoke early one morning and was surprised to see the sunlight at such an hour. Always the economist, Franklin believed the practice of moving the time could save on the use of candlelight, as candles were expensive at the time.

(3) In England, builder William Willett (1857–1915) became a strong supporter for Daylight Saving Time upon noticing blinds of many houses were closed on an early sunny morning. Willet believed everyone, including himself, would appreciate longer hours of light in the evenings. In 1909, Sir Robert Pearce introduced a bill in the House of Commons to make it obligatory to adjust the clocks. A bill was drafted and introduced into Parliament several times but met with great opposition, mostly from farmers. Eventually, in 1925, it was decided that summer time should begin on the day following the third Saturday in April and close after the first Saturday in October.

(4) The U.S. Congress passed the Standard Time Act of 1918 to establish standard time and preserve and set Daylight Saving Time across the continent. This act also devised five time zones throughout the United States: Eastern, Central, Mountain, Pacific, and Alaska. The first time zone was set on “the mean astronomical time of the seventy-fifth degree of longitude west from Greenwich” (England). In 1919, this act was repealed.

(5) President Roosevelt established year-round Daylight Saving Time (also called War Time) from 1942–1945. However, after

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this period, each state adopted its own DST, which proved to be disconcerting to television and radio broadcasting and transportation. In 1966, President Lyndon Johnson created the Department of Transportation and signed the Uniform Time Act. As a result, the Department of Transportation was given the responsibility for the time laws. During the oil embargo and energy crisis of the 1970s, President Richard Nixon extended DST through the Daylight Saving Time Energy Act of 1973 to conserve energy further. This law was modified in 1986, and Daylight Saving Time was reset to begin on the first Sunday in April (to spring ahead) and end on the last Sunday in October (to fall back).

- 426.** As it is used in paragraph 3, the word *obligatory* most nearly means
- approved.
 - sparse.
 - aberrant.
 - requisite.
- 427.** Who first established the idea of DST?
- President Richard Nixon
 - Benjamin Franklin
 - Sir Robert Pearce
 - President Lyndon Johnson
- 428.** Who opposed the bill that was introduced in the House of Commons in the early 1900s?
- Sir Robert Pearce
 - farmers
 - television and radio broadcasting companies
 - the U.S. Congress
- 429.** Which of the following statements is true of the U.S. Department of Transportation?
- It was created by President Richard Nixon.
 - It set standards for DST throughout the world.
 - It constructed the Uniform Time Act.
 - It oversees all time laws in the United States.

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- 430.** Which of the following would be the best title for this passage?
- a. The History and Rationale of Daylight Saving Time
 - b. Lyndon Johnson and the Uniform Time Act
 - c. The U.S. Department of Transportation and Daylight Saving Time
 - d. Daylight Saving Time in the United States
- 431.** The Daylight Saving Time Energy Act of 1973 was responsible for
- a. preserving and setting Daylight Saving Time across the continent.
 - b. instituting five time zones in the United States.
 - c. extending Daylight Saving Time in the interest of energy conservation.
 - d. conserving energy by giving the Department of Transportation authority over time laws.

(1) Milton Hershey was born near the small village of Derry Church, Pennsylvania, in 1857. It was a _____ beginning that did not foretell his later popularity. Milton only attended school through the fourth grade; at that point, he was apprenticed to a printer in a nearby town. Fortunately for all chocolate lovers, Milton did not excel as a printer. After a while, he left the printing business and was apprenticed to a Lancaster, Pennsylvania candy maker. It was apparent he had found his calling in life, and at the age of eighteen, he opened his own candy store in Philadelphia. In spite of his talents as a candy maker, the shop failed after six years.

(2) It may come as a surprise to current Milton Hershey fans, but his first candy success came with the manufacture of caramel. After the failure of his Philadelphia store, Milton headed for Denver, where he learned the art of making caramels. There he took a job with a local manufacturer who insisted on using fresh milk in making his caramels; Milton saw that this made the caramels especially tasty. After a time in Denver, Milton once again attempted to open his own candy-making businesses, in Chicago, New Orleans, and New York City. Finally, in 1886, he went to Lancaster, Pennsylvania, where he raised the money necessary to try again. This company—the Lancaster Caramel Company—established Milton’s reputation as a master candy maker.

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(3) In 1893, Milton attended the Chicago International Exposition, where he saw a display of German chocolate-making implements. Captivated by the equipment, he purchased it for his Lancaster candy factory and began producing chocolate, which he used for coating his caramels. By the next year, production had grown to include cocoa, sweet chocolate, and baking chocolate. The Hershey Chocolate company was born in 1894 as a subsidiary of the Lancaster Caramel Company. Six years later, Milton sold the caramel company, but retained the rights, and the equipment, to make chocolate. He believed that a large market of chocolate consumers was waiting for someone to produce reasonably priced candy. He was right.

(4) Milton Hershey returned to the village where he had been born, in the heart of dairy country, and opened his chocolate manufacturing plant. With access to all the fresh milk he needed, he began producing the finest milk chocolate. The plant that opened in a small Pennsylvania village in 1905 is today the largest chocolate factory in the world. The confections created at this facility are favorites around the world.

(5) The area where the factory is located is now known as Hershey, Pennsylvania. Within the first decades of its existence, the town of Hershey thrived, as did the chocolate business. A bank, a school, churches, a department store, even a park and a trolley system all appeared in short order; the town soon even had a zoo. Today, a visit to the area reveals the Hershey Medical Center, Milton Hershey School, and Hershey's Chocolate World—a theme park where visitors are greeted by a giant Reeses Peanut Butter Cup. All of these things—and a huge number of happy chocolate lovers—were made possible because a caramel maker visited the Chicago Exposition of 1893!

- 432.** According to information contained in the passage, the reader can infer which of the following?
- a. Chocolate is popular in every country in the world.
 - b. Reeses Peanut Butter Cups are manufactured by the Hershey Chocolate Company.
 - c. Chocolate had never been manufactured in the United States before Milton Hershey did it.
 - d. The Hershey Chocolate Company now makes more money from Hershey's Chocolate World than from the manufacture and sale of chocolate.

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- 433.** Which of the following best defines the word subsidiary as used in paragraph 3?
- a. a company owned entirely by one person
 - b. a company founded to support another company
 - c. a company that is not incorporated
 - d. a company controlled by another company
- 434.** The writer's main purpose in this passage is to
- a. recount the founding of the Hershey Chocolate Company.
 - b. describe the process of manufacturing chocolate.
 - c. compare the popularity of chocolate to other candies.
 - d. explain how apprenticeships work.
- 435.** According to the passage, Milton Hershey sold his caramel company in
- a. 1894.
 - b. 1900.
 - c. 1904.
 - d. 1905.
- 436.** The mention of the Chicago International Exposition of 1893 in the passage indicates that
- a. the exposition in Chicago is held once every three years.
 - b. the theme of the exposition of 1893 was "Food from Around the World."
 - c. the exposition contained displays from a variety of countries.
 - d. the site of the exposition is now a branch of the Hershey Chocolate Company.
- 437.** Which of the following words best fits in the blank in paragraph 1 of the passage?
- a. dramatic
 - b. modest
 - c. undignified
 - d. rewarding

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(1) By using tiny probes as neural prostheses, scientists may be able to restore nerve function in quadriplegics and make the blind see or the deaf hear. Thanks to advanced techniques, a single, small, implanted probe can stimulate individual neurons electrically or chemically and then record responses. Preliminary results suggest that the microprobe telemetry systems can be permanently implanted and replace damaged or missing nerves.

(2) The tissue-compatible microprobes represent an advance over the typical aluminum wire electrodes used in studies of the cortex and other brain structures. Researchers accumulate much data using traditional electrodes, but there is a question of how much damage they cause to the nervous system. Microprobes, which are about as thin as a human hair, cause minimal damage and disruption of neurons when inserted into the brain.

(3) In addition to recording nervous-system impulses, the microprobes have minuscule channels that open the way for delivery of drugs, cellular growth factors, neurotransmitters, and other neuroactive compounds to a single neuron or to groups of neurons. Also, patients who lack certain biochemicals could receive doses via prostheses. The probes can have up to four channels, each with its own recording/stimulating electrode.

- 438.** One similar feature of microprobes and wire electrodes is
- a minimal disturbance of neurons.
 - the density of the material.
 - the capacity for multiple leads.
 - their ability to generate information.
- 439.** Which of the following best expresses the main idea of the passage?
- Microprobes require further technological advances before they can be used in humans.
 - Wire electrodes are antiquated as a means for delivering neuroactive compounds to the brain.
 - Microprobes have great potential to help counteract neural damage.
 - Technology now exists that may enable repair of the nervous system.

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- 440.** All of the following are mentioned in the passage as potential uses for prostheses except
- transportation of medication.
 - induction of physical movement.
 - transportation of growth factor.
 - removal of biochemicals from the cortex.
- 441.** The initial function of microprobe channels is to
- create pathways.
 - disrupt neurons.
 - replace ribbon cables.
 - study the brain.

(1) Medical waste has been a growing concern because of recent incidents of public exposure to discarded blood vials, needles (sharps), empty prescription bottles, and syringes. Medical waste can typically include general refuse, human blood and blood products, cultures and stocks of infectious agents, laboratory animal carcasses, contaminated bedding material, and pathological wastes.

(2) Wastes are generally collected by gravity chutes, carts, or pneumatic tubes, each of which has its own advantages and disadvantages. Chutes are limited to vertical transport, and there is some risk of exhausting contaminants into hallways if a door is left open during use. Another disadvantage of gravity chutes is that the waste container may get jammed while dropping, or it may be broken upon hitting the bottom. Carts are primarily for horizontal transport of bagged or containerized wastes. The main risk here is that bags may be broken or torn during transport, potentially exposing the worker to the wastes. Using automated carts can reduce the potential for exposure. Pneumatic tubes offer the best performance for waste transport in a large facility. Advantages include high-speed movement, movement in any direction, and minimal intermediate storage of untreated wastes. However, some objects cannot be conveyed pneumatically.

(3) Off-site disposal of regulated medical wastes remains a viable option for smaller hospitals (those with less than 150 beds). Some preliminary on-site processing, such as compaction or hydropulping, may

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be necessary prior to sending the waste off site. Compaction reduces the total volume of solid wastes, often reducing transportation and disposal costs, but it does not change the hazardous characteristics of the waste. Compaction may not be economical if transportation and disposal costs are based on weight rather than volume.

(4) Hydropulping involves grinding the waste in the presence of an oxidizing fluid, such as hypochlorite solution. The liquid is separated from the pulp and discharged directly into the sewer unless local limits require additional pretreatment prior to discharge. The pulp can often be disposed of at a landfill. One advantage is that waste can be rendered innocuous and reduced in size within the same system. Disadvantages are the added operating burden, difficulty of controlling fugitive emissions, and the difficulty of conducting microbiological tests to determine whether all organic matters and infectious organisms have been destroyed from the waste.

(5) On-site disposal is a feasible alternative for hospitals generating two tons or more per day of total solid waste. Common treatment techniques include steam sterilization and incineration. Although other options are available, incineration is currently the preferred method for on-site treatment of hospital waste.

(6) Steam sterilization is limited in the types of medical waste it can treat, but is appropriate for laboratory cultures and/or substances contaminated with infectious organisms. The waste is subjected to steam in a sealed, pressurized chamber. The liquid that may form is drained off to the sewer or sent for processing. The unit is then reopened after a vapor release to the atmosphere, and the solid waste is removed for further processing or disposal. One advantage of steam sterilization is that it has been used for many years in hospitals to sterilize instruments and containers and to treat small quantities of waste. However, since sterilization does not change the appearance of the waste, there could be a problem in gaining acceptance of the waste for landfilling.

(7) A properly designed, maintained, and operated incinerator achieves a relatively high level of organism destruction. Incineration reduces the weight and volume of the waste as much as 95% and is especially appropriate for pathological wastes and sharps. The most common incineration system for medical waste is the controlled-air type. The principal advantage of this type of incinerator is low particulate emissions. Rotary-kiln and grate-type units have been used,

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but use of grate-type units has been discontinued because of high air emissions. The rotary kiln also puts out high emissions, and the costs have been prohibitive for smaller units.

- 442.** Which of the following organizational schemes is most prevalent in the passage?
- a. chronological order
 - b. comparison-contrast
 - c. order by topic
 - d. hierarchical order
- 443.** One disadvantage of the compaction method of waste disposal is that it
- a. cannot reduce transportation costs.
 - b. reduces the volume of solid waste material.
 - c. does not allow hospitals to confirm that organic matter has been eliminated.
 - d. does not reduce the weight of solid waste material.
- 444.** For hospitals that dispose of waste on their own premises, the optimum treatment method is
- a. incineration.
 - b. compaction.
 - c. sterilization.
 - d. hydropulping.
- 445.** According to the passage, which of the following could be safely disposed of in a landfill but might not be accepted by landfill facilities?
- a. hydropulped material
 - b. sterilized waste
 - c. incinerated waste
 - d. laboratory cultures
- 446.** The two processes mentioned in the passage that involve the formation of liquid are
- a. compaction and hydropulping.
 - b. incineration and compaction.
 - c. hydropulping and sterilization.
 - d. sterilization and incineration.

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- 447.** According to the passage, two effective methods for treating waste caused by infectious matter are
- steam sterilization and incineration.
 - hydropulping and steam sterilization.
 - incineration and compaction.
 - hydropulping and incineration.
- 448.** Hospitals can minimize employee contact with dangerous waste by switching from
- a manual cart to a gravity chute.
 - an automated cart to a hydropulping machine.
 - a gravity chute to a manual cart.
 - a manual cart to an automated cart.
- 449.** The process that transforms waste from hazardous to harmless *and* diminishes waste volume is
- sterilization.
 - hydropulping.
 - oxidizing.
 - compacting.
- 450.** The underlined word *exhausting*, as it is used in the second paragraph of the passage, most nearly means
- debilitating.
 - disregarding.
 - detonating.
 - discharging.
- 451.** Budgetary constraints have precluded some small hospitals from purchasing
- pneumatic tubes.
 - rotary kilns.
 - sterilization equipment.
 - controlled-air kilns.

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- 452.** The underlined phrase *fugitive emissions* in the fourth paragraph most nearly means
- a. contaminants that are extremely toxic.
 - b. contaminants that are illegally discharged.
 - c. contaminants that escape the disposal process.
 - d. contaminants that come from micro-biological testing.

Isolate the unfamiliar words as you read, by underlining them or jotting them down. Then go back and look at the sentences before and after them—that is, in their immediate context.

(1) The worst and longest economic crisis in the modern industrial world, the Great Depression in the United States had devastating consequences for American society. At its lowest depth (1932–33), more than 16 million people were unemployed, more than 5,000 banks had closed, and over 85,000 businesses had failed. Millions of Americans lost their jobs, their savings, and even their homes. The homeless built shacks for temporary shelter—these emerging shantytowns were nicknamed Hoovervilles; a bitter homage to President Herbert Hoover, who refused to give government assistance to the jobless. The effects of the Depression—severe unemployment rates and a sharp drop in the production and sales of goods—could also be felt abroad, where many European nations still struggled to recover from World War I.

(2) Although the stock market crash of 1929 marked the onset of the depression, it was not the *cause* of it: Deep, underlying fissures already existed in the economy of the Roaring Twenties. For example, the tariff and war-debt policies after World War I contributed to the instability of the banking system. American banks made loans to European countries following World War I. However, the United States kept high tariffs on goods imported from other nations. These policies worked against one another. If other countries could not sell goods in the United States, they could not make enough money to pay back their loans or to buy American goods.

(3) And while the United States seemed to be enjoying a prosperous period in the 1920s, the wealth was not evenly distributed. Businesses made gains in productivity, but only one segment of the population—the wealthy—reaped large profits. Workers received

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only a small share of the wealth they helped produce. At the same time, Americans spent more than they earned. Advertising encouraged Americans to buy cars, radios, and household appliances instead of saving or purchasing only what they could afford. Easy credit policies allowed consumers to borrow money and accumulate debt. Investors also wildly speculated on the stock market, often borrowing money on credit to buy shares of a company. Stocks increased beyond their worth, but investors were willing to pay inflated prices because they believed stocks would continue to rise. This bubble burst in the fall of 1929, when investors lost confidence that stock prices would keep rising. As investors sold off stocks, the market spiraled downward. The stock market crash affected the economy in the same way that a stressful event can affect the human body, lowering its resistance to infection.

(4) The ensuing depression led to the election of President Franklin D. Roosevelt in 1932. Roosevelt introduced relief measures that would revive the economy and bring needed relief to Americans suffering the effects of the depression. In his 100 days in office, Roosevelt and Congress passed major legislation that saved banks from closing and regained public confidence. These measures, called the New Deal, included the Agricultural Adjustment Act, which paid farmers to slow their production in order to stabilize food prices; the Federal Deposit Insurance Corporation, which insured bank deposits if banks failed; and the Securities and Exchange Commission, which regulated the stock market. Although the New Deal offered relief, it did not end the Depression. The economy sagged until the nation entered World War II. However, the New Deal changed the relationship between government and American citizens, by expanding the role of the central government in regulating the economy and creating social assistance programs.

- 453.** The author's main point about the Great Depression is that
- government policies had nothing to do with it.
 - the government immediately stepped in with assistance for the jobless and homeless.
 - underlying problems in the economy preceded it.
 - the New Deal policies introduced by Franklin D. Roosevelt ended it.

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- 454.** This passage is best described as
- an account of the causes and effects of a major event.
 - a statement supporting the value of federal social policies.
 - a condemnation of outdated beliefs.
 - a polite response to controversial issues.
- 455.** The author cites the emergence of Hoovervilles in paragraph 1 as an example of
- federally sponsored housing programs.
 - the resilience of Americans who lost their jobs, savings, and homes.
 - the government's unwillingness to assist citizens in desperate circumstances.
 - the effectiveness of the Hoover administration in dealing with the crisis.
- 456.** The term *policies*, as it is used in paragraph 2, most nearly means
- theories.
 - practices.
 - laws.
 - examples.
- 457.** The passage suggests that the 1920s was a decade that extolled the value of
- thrift.
 - prudence.
 - balance.
 - extravagance.
- 458.** The example of the human body as a metaphor for the economy, which is found at the end of paragraph 3, suggests that
- a stressful event like the stock market crash of 1929 probably made a lot of people sick.
 - the crash weakened the economy's ability to withstand other pressures.
 - the crash was an untreatable disease.
 - a single event caused the collapse of the economy.

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- 459.** The content in the last paragraph of the passage would most likely support which of the following statements?
- a. The New Deal policies were not radical enough in challenging capitalism.
 - b. The economic policies of the New Deal brought about a complete business recovery.
 - c. The Agricultural Adjustment Act paid farmers to produce surplus crops.
 - d. The federal government became more involved in caring for needy members of society.

(1) The atmosphere forms a gaseous, protective envelope around Earth. It protects the planet from the cold of space, from harmful ultraviolet light, and from all but the largest meteors. After traveling over 93 million miles, solar energy strikes the atmosphere and Earth's surface, warming the planet and creating what is known as the biosphere, the region of Earth capable of sustaining life. Solar radiation in combination with the planet's rotation causes the atmosphere to circulate. Atmospheric circulation is one important reason that life on Earth can exist at higher latitudes because equatorial heat is transported poleward, moderating the climate.

(2) The equatorial region is the warmest part of the earth because it receives the most direct and, therefore, strongest solar radiation. The plane in which the earth revolves around the sun is called the *ecliptic*. Earth's axis is inclined $23\frac{1}{3}$ degrees with respect to the ecliptic. This inclined axis is responsible for our changing seasons because, as seen from the earth, the sun oscillates back and forth across the equator in an annual cycle. On or about June 21 each year, the sun reaches the Tropic of Cancer, $23\frac{1}{3}$ degrees north latitude. This is the northernmost point where the sun can be directly overhead. On or about December 21 of each year, the sun reaches the Tropic of Capricorn, $23\frac{1}{3}$ degrees south latitude. This is the southernmost point at which the sun can be directly overhead. The polar regions are the coldest parts of the earth because they receive the least direct and, therefore, the weakest solar radiation. Here solar radiation strikes at a very oblique angle and thus spreads the same amount of energy over a greater area than in the equatorial regions. A static envelope

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of air surrounding the earth would produce an extremely hot, uninhabitable equatorial region, while the polar regions would remain inhospitably cold.

(3) The transport of water vapor in the atmosphere is an important mechanism by which heat energy is redistributed poleward. When water evaporates into the air and becomes water vapor, it absorbs energy. At the equator, air saturated with water vapor rises high into the atmosphere where winds aloft carry it poleward. As this moist air approaches the polar regions, it cools and sinks back to earth. At some point, the water vapor condenses out of the air as rain or snow, releasing energy in the process. The now-dry polar air flows back toward the equator to repeat the convection cycle. In this way, heat energy absorbed at the equator is deposited at the poles and the temperature gradient between these regions is reduced.

(4) The circulation of the atmosphere and the weather it generates is but one example of the many complex, interdependent events of nature. The web of life depends on the proper functioning of these natural mechanisms for its continued existence. Global warming, the hole in the atmosphere's ozone layer, and increasing air and water pollution pose serious, long-term threats to the biosphere. Given the high degree of nature's interconnectedness, it is quite possible that the most serious threats have yet to be recognized.

- 460.** Which of the following best expresses the main idea of the passage?
- a. The circulation of atmosphere, threatened by global warming and pollution, protects the biosphere and makes life on Earth possible.
 - b. If the protective atmosphere around the earth is too damaged by human activity, all life on Earth will cease.
 - c. Life on Earth is the result of complex interdependent events of nature, and some of these events are a result of human intervention.
 - d. The circulation of atmosphere is the single most important factor in keeping the biosphere alive, and it is constantly threatened by harmful human activity.

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- 461.** Which of the following best represents the organization of the passage?
- a. I. Definition and description of the circulation of the atmosphere
 - II. How the atmosphere affects heat and water in the biosphere
 - III. How the circulation of the atmosphere works
 - IV. What will happen if human activity destroys the atmosphere and other life-sustaining mechanisms
 - b. I. Origin of the atmosphere and ways it protects the biosphere
 - II. How the circulation of the atmosphere affects the equator and the poles
 - III. How the circulation of the atmosphere interrelates with other events in nature to protect life on Earth
 - IV. Threats to life in the biosphere
 - c. I. Definition and description of the circulation of the atmosphere
 - II. Protective functions of the circulation of the atmosphere
 - III. Relationship of the circulation of the atmosphere to other life-sustaining mechanisms
 - IV. Threats to nature's interconnectedness in the biosphere
 - d. I. The journey of the atmosphere 93 million miles through space.
 - II. How the atmosphere circulates and protects the biosphere
 - III. How the atmosphere interrelates with weather in the biosphere
 - IV. How damage to the biosphere threatens life on Earth
- 462.** Which of the following is the best definition of the underlined word *biosphere* as it is used in the passage?
- a. the protective envelope formed by the atmosphere around the living earth
 - b. that part of the earth and its atmosphere in which life can exist
 - c. the living things on Earth whose existence is made possible by circulation of the atmosphere
 - d. the circulation of the atmosphere's contribution to life on Earth

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- 463.** Which of the following sentences from the passage best supports the author's point that circulation of the atmosphere is vital to life on Earth?
- a. The equatorial region is the warmest part of the earth because it receives the most direct and, therefore, strongest solar radiation.
 - b. The circulation of the atmosphere and the weather it generates is but one example of the many complex, interdependent events of nature.
 - c. [The atmosphere] protects Earth from the cold of space, from harmful ultraviolet light, and from all but the largest meteors.
 - d. A static envelope of air surrounding the earth would produce an extremely hot, uninhabitable equatorial region, while the polar regions would remain inhospitably cold.
- 464.** Based on the passage, which of the following is directly responsible for all temperature changes on Earth?
- a. variations in the strength of solar radiation
 - b. variations in the amount of ultraviolet light
 - c. variation of biologic processes in the biosphere
 - d. variation in global warming
- 465.** The first paragraph of the passage deals mainly with which of the following effects of the atmosphere on the earth?
- a. its sheltering effect
 - b. its reviving effect
 - c. its invigorating effect
 - d. its cleansing effect

(1) There are two types of diabetes, *insulin-dependent* and *non-insulin-dependent*. Between 90–95% of the estimated 13–14 million people in the United States with diabetes have non-insulin-dependent, or Type II, diabetes. Because this form of diabetes usually begins in adults over the age of 40 and is most common after the age of 55, it used to be called adult-onset diabetes. Its symptoms often develop gradually and are hard to identify at first; therefore, nearly half of all people with diabetes do not know they have it. For instance, someone who has developed Type II diabetes may feel tired or ill without knowing why. This can be particularly dangerous because untreated

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diabetes can cause damage to the heart, blood vessels, eyes, kidneys, and nerves. While the causes, short-term effects, and treatments of the two types of diabetes differ, both types can cause the same long-term health problems.

(2) Most importantly, both types affect the body's ability to use digested food for energy. Diabetes does not interfere with digestion, but it does prevent the body from using an important product of digestion, *glucose* (commonly known as sugar), for energy. After a meal, the normal digestive system breaks some food down into glucose. The blood carries the glucose or sugar throughout the body, causing blood glucose levels to rise. In response to this rise, the hormone insulin is released into the bloodstream and signals the body tissues to metabolize or burn the glucose for fuel, which causes blood glucose levels to return to normal. The glucose that the body does not use right away is stored in the liver, muscle, or fat.

(3) In both types of diabetes, however, this normal process malfunctions. A gland called the *pancreas*, found just behind the stomach, makes *insulin*. In people with insulin-dependent diabetes, the pancreas does not produce insulin at all. This condition usually begins in childhood and is known as Type I (formerly called juvenile-onset) diabetes. These patients must have daily insulin injections to survive. People with non-insulin-dependent diabetes usually produce some insulin in their pancreas, but their bodies' tissues do not respond well to the insulin signal and, therefore, do not metabolize the glucose properly, a condition known as insulin resistance.

(4) Insulin resistance is an important factor in non-insulin-dependent diabetes, and scientists are searching for the causes of insulin resistance. They have identified two possibilities. The first is that there could be a defect in the insulin receptors on cells. Like an appliance that needs to be plugged into an electrical outlet, insulin has to bind to a receptor in order to function. Several things can go wrong with receptors. For example, there may not be enough receptors to which insulin may bind, or a defect in the receptors may prevent insulin from binding. The second possible cause of insulin resistance is that, although insulin may bind to the receptors, the cells do not read the signal to metabolize the glucose. Scientists continue to study these cells to see why this might happen.

(5) There's no cure for diabetes yet. However, there are ways to alleviate its symptoms. In 1986, a National Institute of Health panel

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of experts recommended that the best treatment for non-insulin-dependent diabetes is a diet that helps one maintain a normal weight and pays particular attention to a proper balance of the different food groups. Many experts, including those in the American Diabetes Association, recommend that 50–60% of daily calories come from carbohydrates, 12–20% from protein, and no more than 30% from fat. Foods that are rich in carbohydrates, like breads, cereals, fruits, and vegetables, break down into glucose during digestion, causing blood glucose to rise. Additionally, studies have shown that cooked foods raise blood glucose higher than raw, unpeeled foods. A doctor or nutritionist should always be consulted for more of this kind of information and for help in planning a diet to offset the effects of this form of diabetes.

- 466.** According to the passage, what may be the most dangerous aspect of Type II diabetes?
- Insulin shots are needed daily for treatment of Type II diabetes.
 - Type II diabetes may go undetected and, therefore, untreated.
 - In Type II diabetes, the pancreas does not produce insulin.
 - Type II diabetes interferes with digestion.
- 467.** Which of the following are the same for Type I and Type II diabetes?
- treatments
 - long-term health risks
 - short-term effects
 - causes
- 468.** According to the passage, one place in which excess glucose is stored is the
- stomach.
 - insulin receptors.
 - pancreas.
 - liver.
- 469.** A diet dominated by which of the following is recommended for non-insulin-dependent diabetics?
- protein
 - fat
 - carbohydrates
 - raw foods

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- 470.** Which of the following is the main function of insulin?
- It signals tissues to metabolize sugar.
 - It breaks down food into glucose.
 - It carries glucose throughout the body.
 - It binds to receptors.
- 471.** Which of the following statements best summarizes the main theme of the passage?
- Type I and Type II diabetes are best treated by maintaining a high-protein diet.
 - Type II diabetes is a distinct condition that can be managed by maintaining a healthy diet.
 - Type I diabetes is an insidious condition most harmful when the patient is not taking daily insulin injections.
 - Adults who suspect they may have Type II diabetes should immediately adopt a high-carbohydrate diet.
- 472.** Which of the following is mentioned in the passage as a possible problem with insulin receptors in insulin-resistant individuals?
- Overeating causes the receptors to function improperly.
 - There may be an overabundance of receptors present.
 - A defect causes the receptors to bind with glucose.
 - A defect hinders the receptors from binding with insulin.
- 473.** According to the passage, in normal individuals, which of the following processes occur immediately after the digestive system converts some food into glucose?
- The glucose is metabolized by body tissues.
 - Insulin is released into the bloodstream.
 - Blood sugar levels rise.
 - The pancreas manufactures increased amounts of insulin.
- 474.** Based on the information in the passage, which of the following best describes people with Type I diabetes?
- They do not need to be treated with injections of insulin.
 - They comprise the majority of people with diabetes.
 - Their pancreases do not produce insulin.
 - They are usually diagnosed as adults.

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- 475.** What is the closest meaning of the underlined word *offset* in the final sentence of the passage?
- a. counteract
 - b. cure
 - c. soothe
 - d. erase

(1) The immune system is equal in complexity to the combined intricacies of the brain and nervous system. The success of the immune system in defending the body relies on a dynamic regulatory communications network consisting of millions and millions of cells. Organized into sets and subsets, these cells pass information back and forth like clouds of bees swarming around a hive. The result is a sensitive system of checks and balances that produces an immune response that is prompt, appropriate, effective, and self-limiting.

(2) At the heart of the immune system is the ability to distinguish between self and non-self. When immune defenders encounter cells or organisms carrying foreign or non-self molecules, the immune troops move quickly to eliminate the intruders. Virtually every body cell carries distinctive molecules that identify it as self. The body's immune defenses do not normally attack tissues that carry a self-marker. Rather, immune cells and other body cells coexist peaceably in a state known as *self-tolerance*. When a normally functioning immune system attacks a non-self molecule, the system has the ability to remember the specifics of the foreign body. Upon subsequent encounters with the same species of molecules, the immune system reacts accordingly. With the possible exception of antibodies passed during lactation, this so-called immune system memory is not inherited. Despite the occurrence of a virus in your family, your immune system must learn from experience with the many millions of distinctive non-self molecules in the sea of microbes in which we live. Learning entails producing the appropriate molecules and cells to match up with and counteract each non-self invader.

(3) Any substance capable of triggering an immune response is called an *antigen*. Antigens are not to be confused with *allergens*, which are most often harmless substances (such as ragweed pollen or cat hair) that provoke the immune system to set off the inappropriate and harmful response known as *allergy*. An antigen can be a virus, a

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bacterium, a fungus, a parasite, or even a portion or product of one of these organisms. Tissues or cells from another individual (except an identical twin, whose cells carry identical self-markers) also act as antigens; because the immune system recognizes transplanted tissues as foreign, it rejects them. The body will even reject nourishing proteins unless they are first broken down by the digestive system into their primary, non-antigenic building blocks. An antigen announces its foreignness by means of intricate and characteristic shapes called *epitopes*, which protrude from its surface. Most antigens, even the simplest microbes, carry several different kinds of epitopes on their surface; some may even carry several hundred. Some epitopes will be more effective than others at stimulating an immune response. Only in abnormal situations does the immune system wrongly identify self as non-self and execute a misdirected immune attack. The result can be a so-called autoimmune disease such as rheumatoid arthritis or systemic lupus erythematosus. The painful side effects of these diseases are caused by a person's immune system actually attacking itself.

- 476.** What is the analogy used to describe the communications network among the cells in the immune system?
- the immune system's memory
 - immune troops eliminating intruders
 - bees swarming around a hive
 - a sea of microbes
- 477.** The immune cells and other cells in the body coexist peaceably in a state known as
- equilibrium.
 - self-tolerance.
 - harmony.
 - tolerance.
- 478.** What is the specific term for the substance capable of triggering an inappropriate or harmful immune response to a harmless substance such as ragweed pollen?
- antigen
 - microbe
 - allergen
 - autoimmune disease

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- 479.** How do the cells in the immune system recognize an antigen as foreign or non-self?
- through an allergic response
 - through blood type
 - through fine hairs protruding from the antigen surface
 - through characteristic shapes on the antigen surface
- 480.** After you have had the chicken pox, your immune system will be able to do all of the following EXCEPT
- prevent your offspring from infection by the chicken pox virus.
 - distinguish between your body cells and that of the chicken pox virus.
 - remember previous experiences with the chicken pox virus.
 - match up and counteract non-self molecules in the form of the chicken pox virus.
- 481.** Which of the following best expresses the main idea of this passage?
- An antigen is any substance that triggers an immune response.
 - The basic function of the immune system is to distinguish between self and non-self.
 - One of the immune system's primary functions is the allergic response.
 - The human body presents an opportune habitat for microbes.
- 482.** Why would tissue transplanted from father to daughter have a greater risk of being detected as foreign than a tissue transplanted between identical twins?
- The age of the twins' tissue would be the same and, therefore, less likely to be rejected.
 - The identical twin's tissue would carry the same self-markers and would, therefore, be less likely to be rejected.
 - The difference in the sex of the father and daughter would cause the tissue to be rejected by the daughter's immune system.
 - The twins' immune systems would remember the same encounters with childhood illnesses.

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- 483.** What is the meaning of the underlined word *intricacies* as it is used in the first sentence of the passage?
- a. elaborate interconnections
 - b. confusion of pathways
 - c. inherent perplexity
 - d. comprehensive coverage

(1) An upsurge of new research suggests that animals have a much higher level of brainpower than previously thought. If animals do have intelligence, how do scientists measure it? Before defining animals' intelligence, scientists defined what is not intelligence. *Instinct* is not intelligence. It is a skill programmed into an animal's brain by its genetic heritage. Rote conditioning is also not intelligence. Tricks can be learned by repetition, but no real thinking is involved. *Cuing*, in which animals learn to do or not to do certain things by following outside signals, does not demonstrate intelligence. Scientists believe that insight, the ability to use tools, and communication using human language are all effective measures of the mental ability of animals.

(2) When judging animal intelligence, scientists look for insight, which they define as a flash of sudden understanding. When a young gorilla could not reach fruit from a tree, she noticed crates scattered about the lawn near the tree. She piled the crates into a pyramid, then climbed on them to reach her reward. The gorilla's insight allowed her to solve a new problem without trial and error.

(3) The ability to use tools is also an important sign of intelligence. Crows use sticks to pry peanuts out of cracks. The crow exhibits intelligence by showing it has learned what a stick can do. Likewise, otters use rocks to crack open crab shells in order to get at the meat. In a series of complex moves, chimpanzees have been known to use sticks and stalks in order to get at a favorite snack—termites. To make and use a termite tool, a chimp first selects just the right stalk or twig. He trims and shapes the stick, then finds the entrance to a termite mound. While inserting the stick carefully into the entrance, the chimpanzee turns it skillfully to fit the inner tunnels. The chimp attracts the insects by shaking the twig. Then it pulls the tool out without scraping off any termites. Finally, he uses his lips to skim the termites into his mouth.

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(4) Many animals have learned to communicate using human language. Some primates have learned hundreds of words in sign language. One chimp can recognize and correctly use more than 250 abstract symbols on a keyboard. These symbols represent human words. An amazing parrot can distinguish five objects of two different types. He can understand the difference between the number, color, and kind of object. The ability to classify is a basic thinking skill. He seems to use language to express his needs and emotions. When ill and taken to the animal hospital for his first overnight stay, this parrot turned to go. “Come here!” he cried to a scientist who works with him. “I love you. I’m sorry. Wanna go back?”

(5) The research on animal intelligence raises important questions. If animals are smarter than once thought, would that change the way humans interact with them? Would humans stop hunting them for sport or survival? Would animals still be used for food, clothing, or medical experimentation? Finding the answer to these tough questions makes a difficult puzzle even for a large-brained, problem-solving species like our own.

- 484.** Crows use sticks to pry peanuts out of cracks. Which of the following is the kind of intelligence or conditioning the situation describes?
- a. rote learning
 - b. tools
 - c. communication
 - d. instinct
- 485.** The underlined word *upsurge*, as it is used in the first paragraph of the passage, most nearly means
- a. an increasingly large amount.
 - b. a decreasing amount.
 - c. a well-known amount.
 - d. an immeasurable amount.

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- 486.** The concluding paragraph of this passage infers which of the following?
- a. There is no definitive line between those animals with intelligence and those without.
 - b. Animals are being given opportunities to display their intelligence.
 - c. Research showing higher animal intelligence may fuel debate on ethics and cruelty.
 - d. Animals are capable of untrained thought well beyond mere instinct.
- 487.** According to the passage, which of the following is true about animals communicating through the use of human language?
- a. Parrots can imitate or repeat a sound.
 - b. Dolphins click and whistle.
 - c. Crows screech warnings to other crows.
 - d. Chimpanzees and gorillas have been trained to use sign language or geometric shapes that stand for words.
- 488.** In paragraph 3, what conclusion can be reached about the chimpanzee's ability to use a tool?
- a. It illustrates high intelligence because he is able to get his food and eat it.
 - b. It illustrates instinct because he faced a difficult task and accomplished it.
 - c. It illustrates high intelligence because he stored knowledge away and called it up at the right time.
 - d. It illustrates high intelligence because termites are protein-packed.
- 489.** Which of the following is not a sign of animal intelligence?
- a. shows insight
 - b. cues
 - c. uses tools
 - d. makes a plan

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(1) Photosynthesis is the process that plants use to convert sunlight into the food that they need to survive and grow. Most plants create some form of sugar from the sunlight, and this sugar is used by the plant as its primary food source.

(2) Plants actually need only three things to create this sugar: sunlight, carbon dioxide, and water. The sunlight reacts with the plant's chlorophyll, a green chemical which is used to convert water and carbon dioxide into sugar.

(3) As a general rule, photosynthesis occurs in a plant's leaves. The leaf contains chlorophyll, which reacts when sunlight strikes the leaf. It is also the chlorophyll which gives the leaf its typical green color, since photosynthesis absorbs most light rays except green, which are reflected outwards.

(4) The process of photosynthesis produces more than just sugar, however. One byproduct of the process is oxygen, which is "exhaled" by the plant into the atmosphere. In fact, plant photosynthesis is one of the primary sources of oxygen generation on our planet, making plant life essential to almost all living things on earth.

- 490.** According to paragraph 4, which of the following is a byproduct of photosynthesis?
- a. green pigment
 - b. water
 - c. carbon dioxide
 - d. oxygen
- 491.** The underlined word *essential*, as used in paragraph 4, most nearly means
- a. necessary.
 - b. optional.
 - c. fragrant.
 - d. growing.

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- 492.** The passage explains that photosynthesis is
- done in the plant stem.
 - what makes plants edible.
 - the way that plants feed themselves.
 - the source of carbon dioxide in the atmosphere.
- 493.** According to the passage, why do plant leaves look green?
- Leaves are actually *not* green.
 - Photosynthesis absorbs all colors except green.
 - Sugar is green.
 - Photosynthesis requires green light to produce sugar.
- 494.** After reading the passage, what can you conclude about photosynthesis?
- Chlorophyll is part of the ozone layer.
 - Photosynthesis is the process that feeds a plant.
 - Plants need oxygen to survive.
 - The roots of a plant provide water.
- 495.** After reading the passage, what can you infer about photosynthesis?
- Human life would not survive without plants.
 - Chlorophyll tastes sweet.
 - Sunlight has both good and bad effects on plants.
 - Too much water can interfere with photosynthesis.

501 Reading Comprehension Questions

(1) Abraham Lincoln served as the 16th President of the United States, yet he never went to college. In fact, Lincoln had nearly no formal education whatsoever, attending schools for less than a year throughout his childhood. Yet this should not be construed to mean that Lincoln was ignorant or unlearned; on the contrary, he was one of the most well-read leaders of the time. The fact is that Abraham Lincoln educated himself by studying books of religion, philosophy, and literature, and he continued his voracious reading throughout his life.

(2) A lack of public school education did not prevent Lincoln from becoming a great leader. He led the United States through four years of civil war, which threatened to divide the nation into two separate countries. He was a powerful opponent of slavery, and it was largely through his leadership that slavery was abolished in this country.

(3) Lincoln's determination to educate himself through diligent reading also led to his reputation as a great orator—and even today his speeches are quoted and studied worldwide. He serves as an example of a great leader—and a great reader. His love of books and good literature enabled Abe Lincoln to rise to world renown.

- 496.** What is the main idea of this passage?
- Abe Lincoln was the 16th President of the United States.
 - Abe Lincoln demonstrated the value of reading.
 - Abe Lincoln was a Republican.
 - Abe Lincoln freed the slaves.
- 497.** Lincoln accomplished all of the following EXCEPT
- preventing the United States from being divided.
 - ending slavery.
 - becoming a great leader.
 - establishing the Lincoln Memorial.
- 498.** A *voracious* reader is
- likely to become President.
 - a person who makes reading a regular habit.
 - someone who never went to school.
 - probably poor.

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- 499.** The underlined word *construed*, as used in paragraph 1, most nearly means
- a. tormented.
 - b. taken apart.
 - c. unscrewed.
 - d. interpreted.
- 500.** According to the passage, what lesson can be learned from the life of Abraham Lincoln?
- a. Education is not important.
 - b. All books are worth reading.
 - c. Good reading habits can help a person do great things.
 - d. Politicians are always good role models.
- 501.** How does Lincoln still affect students today?
- a. His face is on money.
 - b. His speeches are still quoted and studied today.
 - c. People grow beards to look like him.
 - d. Students quit school in hopes of becoming president.

6

Nonfiction and Information Passages

Fiction is a piece of writing that tells a story that didn't really happen in real life—it's *fictional*, made up by the author. *Nonfiction*, on the other hand, refers to a piece of writing about something that *did* happen. History books and biographies are nonfiction because they address actual events and real people. Finally, *informational* writing refers to passages whose purpose is to inform the reader about something. Informational passages contain facts and figures, and include newspaper articles, business memos, legal documents, and so on.

In this section, you will be dealing with nonfiction and information passages, such as the type you might find in a textbook. Mastering these types of passages and their questions is important, because they are increasingly being

PURPOSE

The specific goal that the author had in writing the passage—the reason that it was written. Some common purposes include:

to inform

to entertain

to alert

to persuade

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found in standardized tests. These passages are not necessarily more difficult than the ones you've already covered in the earlier chapters of this book. However, they do call more heavily for the special skill of making inferences, of identifying *implicit*, as opposed to *explicit*, ideas stated in the text.

Remember what you've learned so far. Look at structure. Look for the main idea of the passage. Consider the purpose for which the passage was written. What clues can you deduce from the writing style about the author's attitude toward the subject? Is the attitude positive? Negative? Objective? Try to pick out individual words that further each writer's intent and support each writer's opinion. If it helps, underline or make notes on important points. Active reading techniques like these will keep you focused on some very detailed reading comprehension passages.

The answers to this section begin on page 118.

The coconut is an unusual food for many reasons. It is technically a seed, produced by the coconut palm tree, and as such is one of the largest edible seeds produced by any plant. Its unusual contents also make it unique in the seed world—the interior consists of both “meat” and “water.” The meat is the white pith with which we are all familiar, as it is used extensively for cooking and flavorings; the coconut water is a white liquid that is very sweet and thirst-quenching.

Portuguese explorers gave the nut its name in the 15th century, referring to it as *coco*, meaning “ghost” in their language. The three dimples and the hairy texture reminded them of a ghost's face, and the tree has retained that name ever since.

The coconut has many varied uses. It is used to make margarine, as well as various cooking oils, and these cooking oils are used by fast-food restaurants around the world to make such diet staples as French fries. The coconut fluid is a favorite drink in hot climates, providing a cool and refreshing beverage right off the tree. This water is also used by manufacturers of various sports drinks because of its isotonic electrolyte properties. Even the shell itself has many uses, including cattle food and fertilizer.

Yet the coconut is also useful in many ways that have nothing to do with food. Coconut oil is used for cosmetics, medicines, and can even be used in place of diesel fuel. Dried coconut shells are used in many countries as a tool, such as a buffer for shining wood floors. The shells are also used for shirt buttons, and are commonly found

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on Hawaiian clothing. They are even used for musical instruments and bird houses!

And all these are only some of the uses found for the coconut fruit. The coconut palm tree, which produces the nut, also produces countless useful items. It's no wonder that the coconut palm has been called "the tree of life."

- 210.** The underlined word *pith*, as used in the passage, most nearly means
- helmet.
 - hairy material.
 - black.
 - meaty substance.
- 211.** The coconut earned the nick name "ghost" because
- of its pale color.
 - it resembles a face.
 - it is round.
 - of its smell.
- 212.** What is the main focus of this passage?
- the history of coconuts
 - coconut trees have many uses
 - how cooking oil is made
 - Portuguese discoveries
- 213.** The passage implies that
- coconut palms are a valuable plant.
 - coconut oil is the best way to cook.
 - Portuguese explorers loved coconuts.
 - coconut palms are good shade trees.
- 214.** Which of the following is NOT a use for the coconut palm?
- margarine
 - buttons
 - helium balloons
 - diesel fuel

501 Sentence Completion Questions

- 215.** The underlined word *staples*, as used in the passage, most nearly means
- a. fasteners.
 - b. plans.
 - c. paperwork.
 - d. foods.
- 216.** The coconut palm is sometimes called “the tree of life” because
- a. the Portuguese thought it cured disease.
 - b. nearly every part of the tree is useful to mankind.
 - c. it grows near the Equator.
 - d. of its green color.

Saving energy means saving money. Homeowners and renters know this basic fact, but they often don’t know what kinds of adjustments they can make in their homes and apartments that will result in savings.

For those willing to spend some time and money to reap long-term energy savings, an energy audit is the way to go. An energy auditor will come into your home and assess its energy efficiency. The auditor will pinpoint areas of your home that use the most energy and offer solutions to lower your energy use and costs. Trained energy auditors know what to look for and can locate a variety of flaws that may be resulting in energy inefficiency, including inadequate insulation, construction flaws, and uneven heat distribution.

There are quicker and less costly measures that can be taken as well. One way to save money is to replace incandescent lights with fluorescents. This can result in a savings of more than 50% on your monthly lighting costs.

When it’s time to replace old appliances, it’s wise to spend a bit more for an energy-efficient model, and be sure that you are taking advantage of energy-saving settings already on your current refrigerator, dishwasher, washing machine, or dryer.

Windows provide another opportunity to cut your energy costs. Caulk old windows that might be leaky to prevent drafts, and choose double-paned windows if you’re building an addition or replacing old windows.

Most areas of your home or apartment offer opportunities to save energy and money. The results are significant and are well worth the effort.

501 Sentence Completion Questions

- 217.** Which two main organizational schemes can be identified in this passage?
- hierarchical order and order by topic
 - order by topic and cause and effect
 - hierarchical order and chronological order
 - chronological order and compare and contrast
- 218.** Which of the following ideas is NOT included in this passage?
- You can reduce your \$130 monthly lighting costs to \$65 by using fluorescent bulbs instead of incandescent.
 - Double-paned windows can cut energy costs.
 - Your local energy company will send an energy auditor at your request.
 - Some appliances have energy-saving settings.
- 219.** Which of the following best expresses the main idea of this passage?
- There are many things a homeowner or renter can do to save energy and money.
 - Hiring an energy auditor will save energy and money.
 - Homeowners and renters don't know what they can do to save energy and money.
 - Replacing windows and light bulbs are well worth the effort and cost.
- 220.** According to the passage, which of the following would an energy auditor NOT do?
- Check for construction flaws.
 - Look for problems with heat distribution.
 - Offer solutions to lower your energy costs.
 - Locate a variety of flaws that may result in energy inefficiency and fix them.
- 221.** According the passage, double-paned windows
- are energy efficient.
 - should only be used as replacement windows.
 - should only be used in new additions to homes.
 - will lower your heating costs by 50%.

501 Sentence Completion Questions

Book clubs are a great way to meet new friends or keep in touch with old ones, while keeping up on your reading and participating in lively and intellectually stimulating discussions. If you're interested in starting a book club, you should consider the following options and recommendations.

The first thing you'll need are members. Before recruiting, think carefully about how many people you want to participate and also what the club's focus will be. For example, some book clubs focus exclusively on fiction, others read nonfiction. Some are even more specific, focusing only on a particular genre such as mysteries, science fiction, or romance. Others have a more flexible and open focus. All of these possibilities can make for a great club, but it is important to decide on a focus at the outset so the guidelines will be clear to the group and prospective member.

After setting the basic parameters, recruitment can begin. Notify friends and family, advertise in the local newspaper, and hang flyers on bulletin boards in local stores, colleges, libraries, and bookstores. When enough people express interest, schedule a kick-off meeting during which decisions will be made about specific guidelines that will ensure the club runs smoothly. This meeting will need to establish where the group will meet (rotating homes or a public venue such as a library or coffee shop); how often the group will meet, and on what day of the week and at what time; how long the meetings will be; how books will be chosen and by whom; who will lead the group (if anyone); and whether refreshments will be served and if so, who will supply them. By the end of this meeting, these guidelines should be set and a book selection and date for the first official meeting should be finalized.

Planning and running a book club is not without challenges, but when a book club is run effectively, the experience can be extremely rewarding for everyone involved.

- 222.** Which of the following organizational patterns is the main one used in the passage?
- a. chronological
 - b. hierarchical
 - c. comparison-contrast
 - d. cause and effect

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- 223.** According to the passage, when starting a book club, the first thing a person should do is
- hang flyers in local establishments.
 - put an ad in a local newspaper.
 - decide on the focus and size of the club.
 - decide when and where the group will meet.
- 224.** Which of the following would NOT be covered during the book club's kick-off meeting?
- deciding on whether refreshments will be served
 - discussing and/or appointing a leader
 - choosing the club's first selection
 - identifying what kinds of books or genre will be the club's focus
- 225.** A good title for this passage would be
- Book Clubs: A Great Way to Make New Friends.
 - Starting a Successful Book Club: A Guide.
 - Five Easy Steps to Starting a Successful Book Club.
 - Reading in Groups: Sharing Knowledge, Nurturing Friendships.
- 226.** Which of the following is NOT something that successful book clubs should do?
- focus exclusively on one genre
 - have guidelines about where and when to meet
 - have a focus
 - decide how to choose and who will choose book selections
- 227.** Which of the following inferences can be drawn from the passage?
- Smaller groups are better for a variety of reasons.
 - The social aspect of book clubs is more important than the intellectual.
 - Starting your own book club is better than joining an existing one.
 - When starting and running a book club, a casual approach is risky.

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Last spring, employees of the Hartville Corporation organized a weeklong strike to protest poor working conditions and unreasonable company policies. The strike resulted in huge financial losses for the company and the threat of a national boycott on Hartville products. The situation resulted in the formation of an employee task force, supported by Hartville management, to review circumstances that led to the strike. The task-force findings follow:

- Hartville's overtime pay schedule is well below the national level, and overtime is mandatory at least once a week.
- Employees working in the manufacturing department have an alarmingly high rate of repetitive stress injury. The equipment they are working with is extremely old and dangerous and does not meet current health and safety standards. The task force recommended that equipment be evaluated and brought up-to-date immediately.
- Sick and personal day policies are unclear. Employees report conflicting and/or confusing policies relating to sick and personal days, which have resulted in numerous misunderstandings about procedures and allowances as well as unfair disciplinary action.
- In the past four years, five pregnant women with clean work records were terminated soon after their pregnancies were public. In all five cases, the grounds for firing were not specifically cited, although one of the employees was told by her immediate supervisor that new mothers make very unreliable employees.
- Hartville's upper management is largely unaware of the dissatisfaction of employees. There is evidence that middle management withholds vital information leading to upper management's underestimation of the severity of employee discontent.

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- 228.** Which of the following is the main organizational pattern used in the passage?
- chronological order
 - hierarchical order
 - order by topic
 - cause and effect
- 229.** According to the passage, why do Hartville employees have a high rate of repetitive stress injury?
- The equipment they use is broken.
 - Their computer keyboards are outdated.
 - Hartville's equipment is below standard.
 - They are under a great deal of pressure at work.
- 230.** According to the passage, which of the following was a specific task-force recommendation?
- Upper management at Hartville should be more involved in the day-to-day operation of the company.
 - A new overtime pay policy should be implemented immediately.
 - The pregnant women who were fired should file lawsuits.
 - The equipment in the manufacturing department must be assessed.
- 231.** According to the passage, one reason that the Hartville upper management is unresponsive is that
- they are more concerned with saving money than protecting employees.
 - they are unaware of the degree of dissatisfaction among their employees.
 - the company is about to be sold, and they are distracted.
 - they have not been trained in the latest management techniques.
- 232.** Which of the following is NOT in the passage?
- a finding about a problem within middle management
 - a discussion of suspicious employee terminations
 - a comparison between overtime pay at Hartville and the national average
 - an outline of the policy relating to sick and personal days

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Mental and physical health professionals may consider referring clients and patients to a music therapist for a number of reasons. It seems a particularly good choice for the social worker who is coordinating a client's case. Music therapists use music to establish a relationship with the patient and to improve the patient's health, using highly structured musical interactions. Patients and therapists may sing, play instruments, dance, compose, or simply listen to music.

The course of training for music therapists is comprehensive. In addition to formal musical and therapy training, music therapists are taught to discern what kinds of interventions will be most beneficial for each individual patient. Because each patient is different and has different goals, the music therapist must be able to understand the patient's situation and choose the music and activities that will do the most toward helping the patient achieve his or her goals. The referring social worker can help this process by clearly communicating each client's history.

Although patients may develop their musical skills, that is not the main goal of music therapy. Any client who needs particular work on communication or on academic, emotional, and social skills, and who is not responding to traditional therapy, is an excellent candidate for music therapy.

- 233.** Which of the following best organizes the main topics addressed in this passage?
- a. I. The role of music therapy in social work
II. Locating a music therapist
III. Referring patients to music therapists
 - b. I. Using music in therapy
II. A typical music-therapy intervention
III. When to prescribe music therapy for sociopaths
 - c. I. Music therapy and social work
II. Training for music therapists
III. Skills addressed by music therapy
 - d. I. How to choose a music therapist
II. When to refer to a music therapist
III. Who benefits the most from music therapy

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- 234.** Which of the following would be the most appropriate title for this passage?
- a. How to Use Music to Combat Depression
 - b. What Social Workers Need to Know about Music Therapy
 - c. Training for a Career in Music Therapy
 - d. The Social Worker as Music Therapist
- 235.** According to information presented in the passage, music therapy can be prescribed for social work clients who
- a. need to develop coping skills.
 - b. were orphaned as children.
 - c. need to resolve family issues.
 - d. need to improve social skills.
- 236.** Which of the following inferences can be drawn from the passage?
- a. Music therapy can succeed where traditional therapies have failed.
 - b. Music therapy is a relatively new field.
 - c. Music therapy is particularly beneficial for young children.
 - d. Music therapy is only appropriate in a limited number of circumstances.

In the summer, the Northern Hemisphere is slanted toward the sun, making the days longer and warmer than in winter. The first day of summer, June 21, is called summer solstice and is also the longest day of the year. However, June 21 marks the beginning of winter in the Southern Hemisphere, when that hemisphere is tilted away from the sun.

- 237.** According to the passage, when it is summer in the Northern Hemisphere, it is _____ in the Southern Hemisphere.
- a. spring
 - b. summer
 - c. autumn
 - d. winter

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- 238.** It can be inferred from the passage that, in the Southern Hemisphere, June 21 is the
- a. autumnal equinox.
 - b. winter solstice.
 - c. vernal equinox.
 - d. summer solstice.

When painting wood, the most important step is to thoroughly sand the wood to a smooth finish. All burrs and rough spots must be removed, and the surface should be silky smooth to the touch. After cleaning the wood, one should give it two coats of primer. This neutral colored paint soaks into the grain and seals it. Once dried, the wood is ready for two more coats of the final color.

- 239.** What are the correct steps for painting wood, according to the passage?
- a. sand, prime, prime, paint, paint
 - b. sand, prime, prime, paint
 - c. sand, prime, paint
 - d. sand, clean, prime, prime, paint, paint

Light pollution is a growing problem worldwide. Like other forms of pollution, light pollution degrades the quality of the environment. Where it was once possible to look up at the night sky and see thousands of twinkling stars in the inky blackness, one now sees little more than the yellow glare of urban sky-glow. When we lose the ability to connect visually with the vastness of the universe by looking up at the night sky, we lose our connection with something profoundly important to the human spirit, our sense of wonder.

- 240.** The passage implies that the most serious damage done by light pollution is to our
- a. artistic appreciation.
 - b. sense of physical well-being.
 - c. cultural advancement.
 - d. spiritual selves.

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Moscow has a history of chaotic periods of war that ended with the destruction of a once largely wooden city and the building of a new city on top of the rubble of the old. The result is a layered city, with each tier holding information about a part of Russia's past. In some areas of the city, archaeologists have reached the layer from 1147, the year of Moscow's founding. Among the findings from the various periods of Moscow's history are carved bones, metal tools, pottery, glass, jewelry, and crosses.

- 241.** From the passage, the reader can infer that
- the people of Moscow are more interested in modernization than in preservation.
 - the Soviet government destroyed many of the historic buildings in Russia.
 - Moscow is the oldest large city in Russia, founded in 1147.
 - Moscow has a history of invasions, with each new conqueror razing past structures.

Authentic Dhurrie rugs are hand woven in India. Today, they are usually made of wool, but they are descendants of cotton floor and bed coverings. In fact, the name *Dhurrie* comes from the Indian word *dari*, which means *threads of cotton*. The rugs are noted for their soft colors, their varieties of design, and they make a stunning focal point for any living room or dining room.

- 242.** Which of the following is the most likely intended audience for the passage?
- people studying traditional Indian culture
 - people who are studying Indian domestic customs
 - people learning to operate a rug loom
 - people who enjoy interior decorating

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Worldwide illiteracy rates have consistently declined in the last few decades. One of the major reasons for this decline is the sharp increase of literacy rates among young women, which is a result of specific campaigns designed to increase educational opportunities for girls. However, there are still an estimated 771 million illiterate adults in the world, about two-thirds of who are women.

- 243.** Based on the passage, the author would tend to agree with which of the following statements?
- a. Men and women should have equal access to education.
 - b. Males have a greater need for higher education than women.
 - c. Worldwide, women need medical care more than the ability to read.
 - d. It has been proven that women with increased education have fewer children.

Emperor Charlemagne of the Franks was crowned in 800 A.D. The Frankish Empire at that time extended over what is now Germany, Italy, and France. Charlemagne died in 814 A.D., but his brief reign marked the dawn of a distinctly European culture. The artists and thinkers that helped create this European civilization drew on the ancient texts of the Germanic, Celtic, Greek, Roman, Hebrew, and Christian worlds. _____.
Consequently, they were the groundwork for the laws, customs, and even attitudes of today's Europeans.

- 244.** Which sentence, if inserted into the blank line in the passage, would be most consistent with the writer's purpose and intended audience?
- a. Cultural traditions function to identify members of a culture to one another and, also, to allow the individual to self-identify.
 - b. Many of the traditions of these cultures remained active in Frankish society for centuries.
 - c. When tradition is lacking or is not honored by the younger generation in a society, there is danger that the culture will be lost.
 - d. It is unnecessary to discuss the origin of these traditions; it will only muddy the water.

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- 245.** Which of the following is the best meaning of the word *culture* as it is used in the passage?
- a. the fashionable class
 - b. a community of interrelated individuals
 - c. a partnership
 - d. an organized group with a common goal
- 246.** According to the passage, for how many years was Charlemagne Emperor of the Franks?
- a. 14 years
 - b. 15 years
 - c. 13 years
 - d. 16 years

The film *Lawrence of Arabia* may be somewhat dated by modern special-effects standards, but it remains a high-water mark in the annals of filmmaking. Since we're on the subject of CGI and other computer-generated special effects, Lawrence has none for the simple reason that it was actually filmed using real people who really performed the action. The long, slow scenes of camels walking in the desert may seem dull to the modern animation-jaded viewer, but those willing to pay attention to the underlying themes will be well rewarded by what the movie is saying.

And it is the theme of *Lawrence* that really stays with a viewer, even today, some 40 years after it was released. That theme is the age-old story of hubris—the pride of a man which raises him above his peers, only to dash him on the rocks of self-indulgence by the end.

We see this tragic foible of mankind worked out fully in the character of Lawrence himself, who begins the film as a brilliant genius who is eager to get involved in the desert conflicts of World War I. His cocky attitude irritates his superiors and amuses the Arabs fighting alongside the British, but his genius for details and strategy soon overcome all obstacles. Lawrence's brilliant victory at the Suez Canal could only have been accomplished by Lawrence, and his own self-sacrifice and commitment to his followers display the best of his character.

Unfortunately, the baser elements of that character gradually take control as the film moves along, and Lawrence slowly declines into a dangerous blend of despair and self-assurance. The problem

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gradually becomes evident: Lawrence has grown to believe that he is equal to God, the one who both gives life and takes it away again.

- 247.** What is the central theme of *Lawrence of Arabia*, according to this passage?
- the importance of the Suez Canal
 - man's pride will bring about his destruction
 - the Arabian Desert is a hostile environment
 - it is a documentary on World War I
- 248.** What is the meaning of the underlined word *hubris*, as it is used in the passage?
- a halo
 - death
 - hair
 - pride
- 249.** You might infer that the author of this passage
- has traveled in the Middle East.
 - does not like the character of Lawrence.
 - admires the film *Lawrence of Arabia*.
 - knows nothing about the Suez Canal.

In 1899, Czar Nicholas II of Russia invited the nations of the world to a conference at The Hague. This conference—and a follow-up organized by Theodore Roosevelt in 1907—ushered in a period of vigorous growth in international law. This growth was in response to several factors, not the least of which was modern warfare's increasing potential for destruction. The recently concluded Civil War in the United States made this potential clear.

During this growth, the subjects of international law were almost exclusively restricted to the relationships that countries had with one another. Issues of trade and warfare dominated both the disputes and the agreements of the period. _____, the developments of this period paved the way for further expansion of international law, which has occurred in the last several years. _____, organizations such as the United Nations and the International Court of Justice are greatly concerned not only with the way countries deal with one another, but with the ways in which they treat their own citizens.

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- 250.** Which words or phrases, if inserted in order into the blanks in the passage, would help the reader understand the sequence of the author's ideas?
- a. Therefore; In addition
 - b. However; Now
 - c. Furthermore; Yet
 - d. Even if; On the other hand
- 251.** According to the passage, what was the impact of the U.S. Civil War on the development of international law?
- a. It allowed armaments manufacturers to test new weapons.
 - b. It diminished the influence of the United States internationally.
 - c. It resulted in the suspension of agriculture exports from southern states.
 - d. It highlighted the increasing destructive capabilities of modern warfare.
- 252.** Which of the following is the best meaning of the underlined phrase *ushered in* as it is used in the passage?
- a. escorted
 - b. progressed
 - c. guarded
 - d. heralded

A healthy diet with proper nutrition is essential for maintaining good overall health. Since the discovery of vitamins earlier in this century, people have routinely been taking vitamin supplements for this purpose. The Recommended Dietary Allowance (RDA) is a frequently used nutritional standard for maintaining optimal health. The RDA specifies the recommended amount of a number of nutrients for people in different age and sex groups. The National Research Council's Committee on Diet and Health has proposed a definition of the RDA to be that amount of a nutrient which meets the needs of 98% of the population.

The RDA approach _____ . First, it is based on the assumption that it is possible to accurately define nutritional requirements for a given group. However, individual nutritional requirements can vary widely within each group. The efficiency with which a person converts food intake into nutrients can also vary

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widely. Certain foods when eaten in combination actually prevent the absorption of nutrients. For example, spinach combined with milk reduces the amount of calcium available to the body from the milk. Also, the RDA approach specifies a different dietary requirement for each age and sex; however, it is clearly unrealistic to expect a homemaker to prepare a different menu for each family member. Still, although we cannot rely solely upon RDA to ensure our overall long-term health, it can be a useful guide so long as its limitations are recognized.

- 253.** Which of the following would best fit in the blank in the first sentence of paragraph 2?
- a. is based on studies by respected nutritionists
 - b. has a number of shortcomings
 - c. has been debunked in the last few years
 - d. is full of holes
- 254.** With which of the following would the author most likely agree?
- a. The RDA approach should be replaced by a more realistic nutritional guide.
 - b. The RDA approach should be supplemented with more specific nutritional guides.
 - c. In spite of its flaws, the RDA approach is definitely the best guide to good nutrition.
 - d. The RDA approach is most suitable for a large family.

Businesses today routinely keep track of large amounts of both financial and non-financial information. Sales departments keep track of current and potential customers; marketing departments keep track of product details and regional demographics; accounting departments keep track of financial data and issue reports. To be useful, all this data must be organized into a meaningful and useful system. Such a system is called a *management information system*, abbreviated MIS. The financial hub of the MIS is accounting.

Accounting is the information system that records, analyzes, and reports economic transactions, enabling decision makers to make informed choices when allocating scarce economic resources. It is a

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tool that enables the user, whether a business entity or an individual, to make wiser, more informed economic choices. It is an aid to planning, controlling, and evaluating a broad range of activities. A financial accounting system is intended for use by both the management of an organization and those outside the organization. Because it is important that financial accounting reports be interpreted correctly, financial accounting is subject to a set of _____ guidelines called “generally accepted accounting principles” (GAAP).

- 255.** This passage is most likely taken from
- a newspaper column.
 - a business textbook.
 - an essay about modern business.
 - a government document.
- 256.** The word that would fit most correctly into the blank in the final sentence is
- discretionary.
 - convenient.
 - austere.
 - stringent.
- 257.** According to the information in the passage, which of the following is least likely to be a function of accounting?
- helping business people make sound judgments
 - assisting with the marketing of products
 - producing reports of many different kinds of transactions
 - assisting companies in important planning activities

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Typically, people think of genius, whether it manifests in Mozart's composition of symphonies at age five or Einstein's discovery of relativity, as having a quality not just of the supernatural, but also of the eccentric. People see genius as a good abnormality; moreover, they think of genius as a completely unpredictable abnormality. Until recently, psychologists regarded the quirks of genius as too erratic to describe intelligibly; however, Anna Findley's groundbreaking study uncovers predictable patterns in the biographies of geniuses. These patterns do not dispel the common belief that there is a kind of supernatural intervention in the lives of unusually talented men and women, however, even though they occur with regularity. _____, Findley shows that all geniuses experience three intensely productive periods in their lives, one of which always occurs shortly before their deaths; this is true whether the genius lives to 19 or 90.

- 258.** Which word or phrase, if inserted into the blank space of the passage, best defines the relationship of the last sentence in the passage to the one preceding it?
- For example
 - Despite this
 - However
 - In other words
- 259.** According to the information presented in the passage, what is the general populace's opinion of genius?
- It is predictable and uncommon.
 - It is supercilious and abnormal.
 - It is unpredictable and erratic.
 - It is extraordinary and erratic.
- 260.** Which of the following would be the best title for this passage?
- Understanding Mozarts and Einsteins
 - Predicting the Life of a Genius
 - The Uncanny Patterns in the Lives of Geniuses
 - Pattern and Disorder in the Lives of Geniuses

501 Reading Comprehension Questions

- 261.** Given the information in the passage, which of the following statements is true?
- a. Anna Findley is a biographer.
 - b. All geniuses are eccentric and unpredictable.
 - c. Geniuses have three prolific times in their lives.
 - d. Mozart discovered relativity.

O’Connell Street is the main thoroughfare of Dublin City. Although it is not a particularly long street, Dubliners will proudly tell the visitor that it is the widest street in all of Europe. This claim usually meets with protests, especially from French tourists, claiming the Champs Elysees of Paris as Europe’s widest street. But the witty Dubliner will not easily relinquish bragging rights and will trump the French visitor with a fine distinction: The Champs Elysees is a *boulevard*; O’Connell is a *street*.

Divided by several important monuments running the length of its center, the street is named for Daniel O’Connell, an Irish patriot. _____ . O’Connell stands high above the unhurried crowds of shoppers, business people, and students on a sturdy column, surrounded by four serene angels seated at each corner of the monument’s base. Further up the street is the famous General Post Office that locals affectionately call the GPO. During the 1916 rebellion, the GPO was taken over from British rule and occupied by Irish rebels, sparking weeks of armed combat in the city’s center. To this day, the angels of O’Connell’s monument bear the marks of the fighting: One sits reading calmly, apparently unaware of the bullet hole dimpling her upper arm; another, reaching out to stroke the ears of a huge bronze Irish wolfhound has survived what should be a mortal wound to her heart.

- 262.** Which sentence, if inserted in the blank space in the passage, would be the most correct and contribute the most pertinent information to that paragraph?
- a. His monument stands at the lower end of the road, that is, the end closest to the river Liffey that bisects Dublin.
 - b. Other monuments along the street include statues to Charles Parnell, Anna Livia Plurabelle, and James Joyce.
 - c. Dublin tourist buses leave from this site every 20 minutes.
 - d. Daniel O’Connell was an important Irish nationalist, who died before the 1916 rebellion.

501 Reading Comprehension Questions

- 263.** Which of the following would be the best title for this passage?
- a. Dublin's Famous Monuments
 - b. The Irish Take Pride in Their Capital City
 - c. The Widest Street in Europe
 - d. Sights and History on Dublin's O'Connell Street
- 264.** What is the best definition for the underlined word *trump* as it is used in the first paragraph of the passage?
- a. to trumpet loudly, to blare or drown out
 - b. to trample
 - c. to get the better of by using a key or hidden resource
 - d. to devise a fraud, to employ trickery
- 265.** With which of the following statements about the people of Dublin would the author of the passage most likely agree?
- a. They are proud of their history but lack industry.
 - b. They are playful and tricky.
 - c. They are rebellious and do not like tourists.
 - d. They are witty and relaxed.

501 Reading Comprehension Questions

The subject of the next two passages is the same, but the way they are written is different. Read them carefully and answer the questions.

Excerpt from Chamber of Commerce brochure

Dilly's Deli provides a dining experience like no other! A rustic atmosphere, along with delicious food, provide an opportunity to soak up the local flavor. Recently relocated to the old market area, Dilly's is especially popular for lunch. At the counter, you can place your order for one of Dilly's three daily lunch specials or one of several sandwiches, all at reasonable prices. Once you get your food, choose a seat at one of the four charming communal tables. By the time you are ready to carry your paper plate to the trash bin, you have experienced some of the best food and one of the most charming companies our city has to offer.

Restaurant review

Yesterday, I was exposed to what has been called "a dining experience like no other." At lunchtime, Dilly's Deli is so crowded, I wondered when the fire marshal had last visited the establishment. The line snaked out the door to the corner, and by the time I reached the counter, I was freezing. I decided on the hamburger steak special; the other specials being liver and onions or tuna casserole. Each special is offered with two side dishes, but there was no potato salad left and the green beans were cooked nearly beyond recognition. I chose the gelatin of the day and what turned out to be the blandest coleslaw I have ever eaten.

At Dilly's, you sit at one of four long tables. The couple sitting across from me was having an argument. The truck driver next to me told me more than I wanted to know about highway taxes. After I had tasted all of the food on my plate, I rose to leave, whereupon one of the people working behind the counter yelled at me to clean up after myself. Throwing away that plate of food was the most enjoyable part of dining at Dilly's.

- 266.** If you go to lunch at Dilly's Deli, you could expect to see
- a long line of customers.
 - the fire marshal.
 - the restaurant critic from the newspaper.
 - homemade pie.

501 Reading Comprehension Questions

- 267.** Both passages suggest that if you eat lunch at Dilly's Deli, you should expect to
- sit next to a truck driver.
 - place your order with the waiter who comes to your table.
 - dress warmly.
 - carry your own food to your table.
- 268.** Which of the following illustrates the restaurant critic's opinion of the food at Dilly's Deli?
- "At Dilly's, you sit at one of four long tables."
 - "At lunchtime, Dilly's Deli is so crowded, I wondered when the fire marshal had last visited the establishment."
 - "After I had tasted all of the food on my plate, I rose to leave, whereupon one of the people working behind the counter yelled at me to clean up after myself."
 - "Throwing away that plate of food was the most enjoyable part of dining at Dilly's."
- 269.** The main purpose of the restaurant review is to
- tell people they probably don't want to eat at Dilly's Deli.
 - make fun of couples who argue in public.
 - recommend the hamburger steak special.
 - warn people that Dilly's Deli tends to be crowded.
- 270.** The main purpose of the Chamber of Commerce brochure is to
- profile the owner of Dilly's Deli.
 - describe in detail the food served at Dilly's Deli.
 - encourage people to eat at Dilly's Deli.
 - explain the historical significance of the Dilly's Deli Building.

501 Reading Comprehension Questions

The Hopkinton Town Council met last night to address the question of building a skate-board ramp in Wilcox Park, but the public response segment of the meeting took much longer than anticipated, and the question had to be shelved until next meeting.

Chairman Mark Santucci opened the floor for public comment soon after the issue was raised, and for the next two hours the public took advantage of the opportunity. An estimated 375 local residents turned out for the meeting, and nearly 200 of those present stepped to the microphone to voice their views.

Many residents were vehemently opposed to the proposal to build a large skate boarding area in the southeast corner of the park. The proposed facilities would include a “tunnel,” several ramps, and a “dish”—all made of cement for use by skate-boarders.

“The last thing we need in this town,” stated Michael Fritz of Hopkinton, “is more graffiti. If we put in a skate board park, that’s exactly what we’ll get for our efforts.”

A few of those who spoke, however, endorsed the proposal.

“Our kids need fresh air and exercise,” complained Betty Kelly of Hopkinton. “They spend too much time as it is playing video games. This would give them someplace to go.”

The next meeting was scheduled for June 15.

- 271.** What is the central issue that is causing conflict in Hopkinton, according to this passage?
- the delay in resolving the skate boarding issue
 - whether taxpayers should pay for park improvements
 - the moral implications of skate boarding
 - whether the town should build a skate board park
- 272.** What is the central argument of Betty Kelly’s comments?
- Kids need more freedom and less supervision.
 - Kids need a place to play outdoors.
 - Parents nowadays are irresponsible.
 - The town council needs to be more responsive.

501 Reading Comprehension Questions

- 273.** The underlined word *vehemently*, as used in the passage, most nearly means
- vehicle.
 - passive.
 - inadvertently.
 - passionately.
- 274.** Why did the Town Council shelve the proposal until next meeting?
- They were divided 50/50 on the issue.
 - They needed more time for research.
 - The chairman had another engagement.
 - The public response took longer than expected.

COMPARE and CONTRAST

The technique of finding similarities (comparing) and differences (contrasting) between two or more facts of ideas. For example:

Bird and Kite

both fly (compare); one is alive,
the other is man-made (contrast)

During those barren winter months, with windows overlooking long-dead gardens, leafless trees, and lawns that seem to have an ashy look about them, nothing soothes the jangled nerves more than the vibrant green of plants surrounding the living spaces of one's home. People browse through garden stores just to get a whiff of chlorophyll and to choose a plant or two to bring spring back into their winter-gray lives.

Now there is even more of a need for "the green," in light of recent articles warning us of the hazards of chemicals that we, ourselves, introduce into our homes. Each time we bring clothes home from the cleaners, we release those chemicals into the closed-in air of our dwellings. Every cleanser releases its own assortment of fumes. Some of the chemicals are formaldehyde, chlorine, benzene, styrene, etc. Read the labels on many home products, the ingredients aren't even listed! During the winter, when those same windows are shut tight, we breathe in these chemicals—causing symptoms

501 Reading Comprehension Questions

much like allergies. In fact, most people probably dismiss the effects of these chemicals simply as a flare up of some allergy or other. The truth is that we are experiencing a syndrome that is called Multiple Chemical Sensitivity. Now, what has this got to do with green plants? Everything healthy! Research has been conducted with two types of plants that have actually removed much of these harmful chemicals from the air.

The two plants that seem to be the best bet for ridding one's home of such chemicals are ferns and palms. These plants release moisture as part of photosynthesis and, as they do, pull chemicals from the air into their leaves. Even NASA has conducted some greenhouse experiments for long-term space exploration. Within hours, their plants [palms] had removed almost all traces of formaldehyde in the room. Both species of plants are ancient, dating back more than a hundred million years. Another trait they share is that they both live long lives, 100 years or more. This we expect from trees, but ferns and palms are plants; plants that can grow to 65 feet in the proper setting! Even their individual leaves live for one to two years [ferns] and one to nine years [palms]. Perhaps it is their primal qualities that have contributed to their ability to purify their environment.

- 275.** What is the main idea of the passage?
- Our homes are full of contaminants.
 - Our allergies are caused by chemicals found in the home.
 - All plants release moisture in the home.
 - Certain plants can purify the home of many harmful chemicals.
- 276.** According to the passage, when a few harmful chemicals combine, they can
- cause us to experience allergies.
 - cause a monumental task for homeowners.
 - contribute to a syndrome called Multiple Chemical Sensitivity.
 - contribute to photosynthesis in plants.
- 277.** The passage indicates that research
- has only been conducted using specific plants.
 - has only been conducted by NASA.
 - has not identified the sources of these chemical impurities.
 - has only benefited long term space exploration.

501 Reading Comprehension Questions

- 278.** The passage infers a relationship between the antiquity of ferns and palms and their ability to
- live long.
 - purify the air.
 - grow leaves that live long.
 - react successfully in research experiments.
- 279.** A good title for this passage is
- Research in the New Millennium.
 - Home Dangers.
 - Common Houseplants May Purify Your Home.
 - NASA Experiment Finds the Cure.

Despite their similarities, the pyramids of Egypt and Mesoamerica seem to be unrelated because of distinct differences in the time of construction as well as their design and function. Historians have discovered that the construction of the pyramids in Egypt and Mesoamerica are separated by over 2,000 years. The Egyptians used only cut stone quarried many miles away from the pyramid sites—a construction method that enabled them to construct sturdy buildings that could withstand the test of time.

On the other hand, the pyramids of Mesoamerica were not built to withstand the ravages of time. Rather, the step pyramids rose in tiers, on the top of which a small temple was erected. Unlike the Egyptians, they used irregular stones.

Also, they did not share the same basic design function. The Egyptian pyramids were private tombs meant to separate the pharaoh's remains from the mainstream of society and protect him for eternity, while the pyramids of Mesoamerica were primarily public temples of ritual and celebration.

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- 280.** The main idea of this passage is best summed up in which statement?
- Pyramids in Egypt and Mesoamerica are similar.
 - Egyptians assisted Mesoamerican pyramid builders.
 - Pyramids in Egypt and Mesoamerica have distinct differences.
 - Scientists do not know who built the pyramids.
- 281.** This passage best supports the statement that
- the Egyptians used stone quarried many miles away from the pyramid site.
 - the pyramids of Mesoamerica were built to last for eternity.
 - the Egyptian pyramids were public tombs.
 - the Egyptian and Mesoamerican pyramids were built during the same time period.
- 282.** The passage best supports the statement that
- Egyptian and Mesoamerican pyramids shared the same design function.
 - both pyramids were used as temples of ritual and celebration.
 - Egyptian and Mesoamerican pyramids shared the same construction methods.
 - Mesoamerican pyramids were used for ritual and celebration.
- 283.** The underlined word *eternity* in the passage most nearly means which of the following?
- for a short time
 - temporary
 - for all time
 - never

501 Reading Comprehension Questions

Beginning March 1, the company will be instituting a new dress code. Employees are to be professional in their appearance at all times. “Professional attire” is a flexible term to some degree, but the final judgment shall be left to management in all areas. Some guidelines include the following:

Men:

- Neckties are recommended for all salaried and exempt employees. Non-exempt and hourly employees may or may not be required to wear neckties, depending upon job duties and the discretion of management.
- Sweaters or sports jackets are not required, but may still be considered appropriate for certain situations, such as meetings with clients. Management retains the option to mandate such in certain circumstances.
- Blue jeans are never appropriate, except on certain specified days—such as “casual Fridays” or “dress-down days,” at the discretion of management.
- Sneakers and running shoes are not appropriate unless the employee’s duties require excessive walking or stand-up work, or when required by medical or health issues. Management shall retain the right to make specific exceptions as necessary.

Women:

- Pant-suits are acceptable, provided that they retain a professional appearance.
- Shorts, “hot pants,” “culottes,” and similar attire is never appropriate. This includes “dress-down days” and other times of casual attire.
- Skirts and dresses should be of at least moderate length, reaching the knees. Dresses and skirts above the knees are considered inappropriate at all times, including “dress-down days” and other times of casual attire.

501 Reading Comprehension Questions

- Blue jeans are never appropriate, except on certain specified days—such as “casual Fridays” or “dress-down days,” at the discretion of management.
- Sneakers and running shoes are not appropriate unless the employee’s duties require excessive walking or stand-up work, or when required by medical or health issues. Management shall retain the right to make specific exceptions as necessary.

284. What is the main idea of this passage?

- a. Employees must follow orders.
- b. Management has the final say.
- c. Employees must always appear professional.
- d. Blue jeans are unacceptable in the work place.

285. The underlined word *mandate*, as used in the passage, most nearly means

- a. to make something optional.
- b. a common form of office communication.
- c. to enjoy a social outing with friends.
- d. to make something a requirement.

286. From this dress code, you could infer that T-shirts are

- a. walways appropriate.
- b. acceptable if they have no writing or advertising.
- c. left up to the discretion of the employee.
- d. never appropriate.

287. What is the tone of this memo?

- a. informative
- b. angry
- c. sad
- d. humorous

7

Reading Charts and Graphs, Understanding Directions

This is a section with questions that can be applied to situations that you find in everyday life. On the job, in your school, at the train station, in the grocery store, or in many other ordinary situations, you might find yourself trying to get information from a graph, chart, or table. You may even find situations where you have to listen to and act upon written or verbal directions.

Unlike other sections in this book, the questions that you answer in this section are based on concrete information, rather than hidden or implied material within the text. So the most important thing is to pay attention to every detail. Read every set of directions as many times as necessary. Also, read the title and footnotes carefully.

The ability to completely understand directions, graphs, charts, and tables is vital in today's information age, but as you may know, it is not

ANALYZE

Use explicit information to infer your own conclusions. This is often done by comparing and contrasting two or more pieces of information.

501 Reading Comprehension Questions

always easy. With a little practice, these types of questions can be the easiest. This section gives you ample opportunity to hone your skills.

The answers to this section begin on page 143.

Below and on the following pages are tables that are typical of the type you might be asked to read in a textbook or on the job. Note their simplicity and economy.

THE FUJUITA-PEARSON TORNADO INTENSITY SCALE

CLASSIFICATION	WIND SPEED	DAMAGE
F0	40–72 mph	Mild
F1	73–112 mph	Moderate
F2	113–157 mph	Significant
F3	158–206 mph	Severe
F4	207–260 mph	Devastating
F5	260–319 mph	Incredible
F6	319–379 mph	Inconceivable

- 288.** A tornado with a wind speed of 143 mph would be assigned which classification?
- a. F0
 - b. F1
 - c. F2
 - d. F3
- 289.** The names of the categories in the third column, labeled “Damage,” could best be described as
- a. scientific.
 - b. descriptive.
 - c. objective.
 - d. whimsical.

**FOREST FIRES, TRI-COUNTY AREA
JUNE 2005**

DATE	AREA	NUMBER OF ACRES BURNED	PROBABLE CAUSE
June 2	Burgaw Grove	115	Lightning
June 3	Fenner Forest	200	Campfire
June 7	Fenner Forest	400	Equipment Use
June 12	Voorhees Air Base Training Site	495	Children
June 13	Murphy County Nature Reserve	200	Miscellaneous
June 14	Cougar Run Ski Center	160	Unknown
June 17	Fenner Forest	120	Campfire
June 19	Stone River State Park	526	Arson
June 21	Burgaw Grove	499	Smoking
June 25	Bramley Acres Resort	1,200	Arson
June 28	Hanesboro Crossing	320	Lightning
June 30	Stone River State Park	167	Campfire

- 290.** One week before the Cougar Run Ski Center fire, where did a fire occur?
- Fenner Forest
 - Voorhees Air Base Training Site
 - Murphy County Nature Reserve
 - Burgaw Grove
- 291.** According to the table, lightning fires
- occurred at Burgaw Grove and Fenner Forest.
 - consumed less than 500 acres.
 - consumed more acres than suspected arson fires.
 - occurred more frequently than fires caused by campfires.

501 Reading Comprehension Questions

- 292.** Which of the following incidents at Hanesboro Crossing would be considered an act of nature?
- A group of rowdy teenagers tossed a match into a tent.
 - A deer hunter lighting a cigarette accidentally tossed a match too close to a dry shrub.
 - An inexperienced camper filled a camp stove with gasoline and it exploded.
 - Lightning struck a tree in the forest.

HURST COUNTY TOWNS, NUMBER OF DAYS WITHOUT SIGNIFICANT PRECIPITATION *

TOWN	NUMBER OF DAYS	STATUS**
Riderville	38	level two
Adams	25	level one
Parkston	74	level three
Kings Hill	28	level two
West Granville	50	level three
Braxton	23	level three
Chase Crossing	53	level four
Livingston Center	45	level three

* *Less than half an inch in a 48-hour period.*

** *The higher the level, the greater potential for fire.*

- 293.** The status of the town with the most number of days without significant precipitation is
- level one.
 - level two.
 - level three.
 - level four.
- 294.** Compared to Kings Hill, Chase Crossing
- is more likely to experience a fire.
 - is less likely to experience a fire.
 - is just as likely to experience a fire.
 - has gone a shorter period of time without significant precipitation.

**DISTRIBUTION OF OCCUPATIONS
OF 200 ADULT MALES IN THE BAIDYA CASTE,
MADARIPUR VILLAGE, BENGAL, 1914**

OCCUPATION	NUMBER
farmers	02
government service, clerks	44
lawyers	06
newspapers and presses	05
no occupation	25
not recorded	08
students	68
teachers	11
trade and commerce	23
other	08

- 295.** The *largest* number of men in the Baidya caste of Madaripur are involved in which field?
- education
 - agriculture
 - government
 - publishing
- 296.** The *smallest* number of men in the Baidya caste of Madaripur are involved in which field?
- education
 - agriculture
 - government
 - publishing

501 Reading Comprehension Questions**MEN'S AND WOMEN'S TABLE TENNIS,
SUMMER OLYMPICS 2004**

COUNTRY	GOLD	SILVER	BRONZE	TOTAL
China	3	1	2	6
Korea	1	1	1	3
Denmark	0	0	1	1

**WOMEN'S TABLE TENNIS,
SUMMER OLYMPICS 2004**

COUNTRY	GOLD	SILVER	BRONZE	TOTAL
China	2	0	1	3
Korea	0	1	1	2
Hong Kong	0	0	0	0

**MEN'S TABLE TENNIS,
SUMMER OLYMPICS 2004**

COUNTRY	GOLD	SILVER	BRONZE	TOTAL
China	1	1	1	3
Demark	0	0	1	1
Hong Kong	0	1	0	1

501 Reading Comprehension Questions

- 297.** According to the Men's and Women's Table Tennis chart, which country received the most medals for both men and women in table tennis?
- a. China
 - b. Korea
 - c. Denmark
 - d. Hong Kong
- 298.** In the Men's Table Tennis competition, which country only won a bronze medal?
- a. China
 - b. Hong Kong
 - c. Denmark
 - d. Korea
- 299.** In which competition did Korea win an equal number of gold, silver, and bronze medals?
- a. the Men's competition
 - b. the Women's competition
 - c. no equal amounts
 - d. the combined Men's and Women's competition
- 300.** Which of the following countries won one bronze medal and no other medals?
- a. Korea
 - b. Denmark
 - c. China
 - d. Hong Kong

**MOUNT WASHINGTON, NEW HAMPSHIRE WEATHER
DATA ELEVATION: 6,288 FEET
LATITUDE: 44 16N LONGITUDE: 071 18W**

YEARLY	JANUARY	FEBRUARY	MARCH	APRIL
Average Temperature				
27° (Fahrenheit)	6°	6°	13°	23°
Average Precipitation				
90.7 inches	7.1 inches	7.4 inches	7.9 inches	7.2 inches
Average Snowfall				
41 inches	40 inches	40.8 inches	42.5 inches	31.3 inches

- 301.** What is the average snowfall for the month of February?
- 7.4 inches
 - 13 inches
 - 40 inches
 - 40.8 inches
- 302.** What is the average temperature for the month of April?
- 6°
 - 13°
 - 23°
 - 31.3°
- 303.** What is the average snowfall for the year?
- 41 inches
 - 40 inches
 - 42.5 inches
 - 31.3 inches
- 304.** What is the average precipitation for the month of March?
- 90.7 inches
 - 7.4 inches
 - 7.9 inches
 - 7.2 inches

501 Reading Comprehension Questions

Below is a fictional table similar to something that you might encounter in a publication from the IRS.

INCOME RANGE (X \$1,000)	INCOME TAX (%)	SOCIAL SECURITY (%)
0–15	0	0
15–20	10	5
20–25	12	7
25–40	13	9
40–70	15	7
70–100	18	5
100+	20	3

- 305.** How much tax will you pay if you earn \$28,000?
- a. 7%
 - b. \$13
 - c. \$13,000
 - d. 13%
- 306.** How much Social Security will you pay if you earn \$75,000?
- a. 5%
 - b. \$12,000
 - c. 18%
 - d. none
- 307.** What is the highest salary you can earn and still pay no taxes?
- a. \$21,999
 - b. \$20,000
 - c. \$18,000
 - d. \$15,000
- 308.** What salary range pays 15 percent total, including tax and Social Security?
- a. \$25,000 – \$40,000
 - b. \$20,000 – \$25,000
 - c. \$15,000 – \$20,000
 - d. 0 – \$15,000

501 Reading Comprehension Questions

For many occupations, workers are asked to read policy, work instructions, and rules. Following are a number of job-related passages. Start with these relatively simple notices posted for workers.

Notice 1

All drivers are responsible for refueling their vehicles at the end of each shift. All other routine maintenance should be performed by maintenance-department personnel, who are also responsible for maintaining service records. If a driver believes a vehicle is in need of mechanical repair, the driver should fill out the pink repair requisition form and give it to the shift supervisor. The driver should also notify the shift supervisor verbally whether, in the driver's opinion, the vehicle must be repaired immediately or may be driven until the end of the shift.

- 309.** If a vehicle is due to have the oil changed, whose responsibility is it?
- a. maintenance-department personnel
 - b. the drivers at the end of their shifts
 - c. shift supervisors
 - d. outside service mechanics
- 310.** The passage implies that the vehicles
- a. are refueled when they have less than half a tank of gas.
 - b. have the oil changed every 1,000 miles.
 - c. are refueled at the end of every shift.
 - d. are in frequent need of repair.

Notice 2

Beginning next month, the city will institute a program intended to remove graffiti from city-owned delivery trucks. Any truck that finishes its assigned route before the end of the driver's shift will return to its lot where supervisors will provide materials for that driver to use while cleaning the truck. Because the length of time it takes to complete different tasks and routes vary, trucks within the same department will no longer be assigned to specific routes but will be rotated among the routes. Therefore, drivers should no longer leave personal items in the trucks, because they will not necessarily be driving the same truck each day, as they did in the past.

- 311.** According to the passage, the removal of graffiti from trucks will be done by
- a. a small group of drivers specifically assigned to the task.
 - b. custodians who work for the city.
 - c. any supervisor or driver who finishes a route first.
 - d. each driver as that driver finishes the assigned route.
- 312.** According to the passage, routes within particular departments
- a. vary in the amount of time they take to complete.
 - b. vary in the amount of graffiti they are likely to have on them.
 - c. are all approximately of equal length.
 - d. vary according to the truck's driver.
- 313.** According to the passage, prior to instituting the graffiti clean-up program, city workers
- a. were not responsible for cleaning the trucks.
 - b. had to repaint the trucks at intervals.
 - c. usually drove the same truck each workday.
 - d. were not allowed to leave personal belongings in the trucks.

Directions to Job Interview

Acme Necktie Company is located at $512\frac{1}{2}$ Windsor Blvd., next to Dave's Body Shop. You'll take I-95 to exit 12, then bear right onto Suspender Beltway. Turn left at the second light onto Garter Street, then right onto Wingtip Dr. Windsor Blvd. is your third left, and we're about halfway down on the right. Please wear a tie.

- 314.** What street will you be on when you reach Windsor Blvd.?
- Wingtip Dr.
 - Garter St.
 - Suspender Beltway
 - not stated

All Drivers Take Note

The City Transit supervisors have received numerous complaints over the last several weeks about buses on several routes running hot. Drivers are reminded that each route has several checkpoints at which drivers should check the time. If the bus is ahead of schedule, drivers should delay at the checkpoint until it is the proper time to leave. If traffic makes it unsafe for a driver to delay at a particular checkpoint, the driver should proceed at a reasonable speed to the next stop and hold there until the bus is back on schedule.

- 315.** According to the passage, when a bus is *running hot*, it means
- the bus is going too fast and the engine is overheating.
 - the bus is running ahead of schedule.
 - the bus is running behind schedule.
 - passengers are complaining about the bus being off schedule.
- 316.** The main point of the passage is that drivers should
- stop their buses when traffic is unsafe.
 - drive at a reasonable speed.
 - check the time at every stop.
 - see that their buses run on schedule.

Important Warning

Only certain people are qualified to handle hazardous waste. Hazardous waste is defined as any waste designated by the U.S. Environmental Protection Agency as hazardous. If you are unclear whether a particular item is hazardous, you should not handle the item but should instead notify a supervisor of the Sanitation.

- 317.** Hazardous waste is defined as
- a. anything too dangerous to handle.
 - b. waste picked up by special sanitation trucks.
 - c. anything so designated by the U.S. Environmental Protection Agency.
 - d. waste not allowed to be placed alongside regular residential garbage.
- 318.** Sanitation Worker Harris comes upon a container of cleaning solvent along with the regular garbage in front of a residence. The container does not list the contents of the cleaner. Therefore, according to the directions, Harris should
- a. assume the solvent is safe and deposit it in the sanitation truck.
 - b. leave a note for the residents, asking them to list the contents of the solvent.
 - c. simply leave the container on the curb.
 - d. contact the supervisor for directions.

Notice of Mandatory Refresher Training Course

During the next ten months, all bus operators with two or more years of service will be required to have completed 20 hours of refresher training on one of the Vehicle Maneuvering Training Buses.

Instructors who have used this new technology report that trainees develop skills more quickly than with traditional training methods. In refresher training, this new system reinforces defensive driving skills and safe driving habits. Drivers can also check their reaction times and hand-eye coordination.

As an added benefit, the city expects to save money with the simulators, because the new system reduces the amount of training time in an actual bus—saving on parts, fuel, and other operating expenses.

- 319.** All bus operators are required to do which of the following?
- a. Receive training in defensive driving and operating a computer.
 - b. Complete ten months of refresher driver training.
 - c. Train new drivers on how to operate a simulator.
 - d. Complete 20 hours of training on a simulator.
- 320.** The main purpose of the refresher training course on the simulator is to
- a. make sure that all bus operators are maintaining proper driving habits.
 - b. give experienced bus operators an opportunity to learn new driving techniques.
 - c. help all bus operators to develop hand-eye coordination.
 - d. reduce the city's operating budget.

Notice: Training to Begin for F.A.S.T. Membership

A training calendar and schedule for Fire Agency Specialties Team (F.A.S.T.) membership is available in this office to all applicants for F.A.S.T. membership. Training will take place the third week of each month. Classes will be taught on Monday afternoons, Wednesday evenings, and Saturday afternoons.

501 Reading Comprehension Questions

So that the F.A.S.T. can maintain a high level of efficiency and preparedness for emergency response situations, its members must meet certain requirements.

First, in order for you to be considered for membership on F.A.S.T., your department must be a member of the F.A.S.T. organization, and you must have written permission from your fire chief or your department's highest ranking administrator.

Once active, you must meet further requirements to maintain active status. These include completion of technician-level training and certification in hazardous material (hazmat) operations. In addition, after becoming a member, you must also attend a minimum of 50% of all drills conducted by F.A.S.T. and go to at least one F.A.S.T. conference. You may qualify for alternative credit for drills by proving previous experience in actual hazmat emergency response.

If you fail to meet minimum requirements, you will be considered inactive, and the director of your team will be notified. You will be placed back on active status only after you complete the training necessary to meet the minimum requirements.

- 321.** Potential F.A.S.T. members can attend less than half of F.A.S.T. drills if they
- complete technician-level training requirements.
 - indicate prior real emergency experience.
 - receive permission from their fire chief.
 - enroll in three weekly training sessions.
- 322.** Which of the following is the main subject of the passage?
- preparing for hazmat certification
 - the main goal of F.A.S.T.
 - completing F.A.S.T. membership requirements
 - learning about your department's F.A.S.T. membership
- 323.** Applicants must be available for training
- three days each month.
 - three days each week.
 - every third month.
 - for 50% of classes.

Notice: Change to Policies and Procedures

Beginning on July 1, the company will institute some changes to our policies and procedures (P&P). Please take time before that date to familiarize yourself with both the existing P&P and the planned changes. The P&P can be found on the company website under the “P/P” link.

Certain changes may affect your job description, vacation time, medical benefits, or other aspects of employment. These changes will become effective beginning July 31, but will not be considered retroactive. Some areas that will change include the following:

- Overtime cap for hourly employees
- Sick time for salaried employees
- Safety requirements for yard workers
- Dress code for office employees

If you have any questions concerning these changes, please contact the Human Resources office at ext. 412. All employees will be expected to understand and abide by the new P&P statement, as defined on our website and in our employee handbook.

- 324.** The purpose of this passage is to
- a. warn employees that things are about to get worse.
 - b. intimidate employees into following correct procedures.
 - c. inform employees of upcoming policy changes.
 - d. instruct employees on how to contact Human Resources.
- 325.** When will the policies and procedures change?
- a. not stated
 - b. June 30
 - c. July 31
 - d. July 1
- 326.** Which of the following is NOT mentioned as an effect of the upcoming changes?
- a. medical benefits
 - b. dress code
 - c. salary caps
 - d. vacation time

8

Analyzing and Interpreting Poems

Poetry scares some people, mainly because they believe that poems have hidden meanings. A good way to approach poetry is by reading closely for the literal meaning. In reality, poetry compresses the language into small sentences or phrases, so it just seems that the meanings are hidden. Ask yourself, what is that poet's view on the subject? If you add a few of your own thoughts and experiences, you can uncover what has been left out. Think of it as frozen orange juice. Add water and you have the entire amount. Also, remember that poets compare objects to other objects . . . just like the frozen orange-juice metaphor. Think back to Chapter 2, Analogies, and remember the way you made comparisons there.

INTERPRETATION

Using the skills of active reading to analyze a passage and draw conclusions that are not explicitly stated.

501 Reading Comprehension Questions

As you begin to read the poems in this section, it is important to understand who is speaking in the poem. (The speaker may not be the poet.) Once you can identify the narrator, you should be able to get an idea of the narrator's attitude toward the subject, and this is easily discovered by the author's word choice. Through the images that the words make, you should be able to answer the questions correctly.

POETRY

Most Traditional poetry follows a rhythmic pattern and rhyme scheme. Note how these two lines rhyme and share the same rhyme and share the same rhythm or meter:

He who fights and runs away

Lives to fight another day.

501 Reading Comprehension Questions

The answers to this section begin page 157.

The following poem is by Alfred, Lord Tennyson. Consider the title of this poem as a guide to meaning.

The Eagle

He clasps the crag with crooked hands;
Close to the sun in lonely lands,
Ringed with the azure world he stands.

The wrinkled sea beneath him crawls;
He watches from his mountain walls,
And like a thunderbolt he falls.

- 329.** Given the tone of the poem, and noting especially the last line, what is the eagle most likely doing in the poem?
- a. dying of old age
 - b. hunting prey
 - c. learning joyfully to fly
 - d. keeping watch over a nest of young eagles
- 330.** To which of the following do the underlined words *azure world* most likely refer?
- a. a forest
 - b. the sky
 - c. the cliff
 - d. nature
- 331.** In the second stanza, first line, to which of the following does the verb *crawls* refer?
- a. waves
 - b. sunlight on the water
 - c. the eagle's prey
 - d. the eagle itself

501 Reading Comprehension Questions

This poem, by Emily Dickinson, is a sort of riddle. Depending on your life experiences, the answer may be immediately clear, or it may very well not be. Look closely for clues in the language.

A Narrow Fellow in the Grass

A narrow Fellow in the grass
Occasionally rides—
You may have met him—did you not
His notice sudden is—
The Grass divides as with a Comb—
A spotted shaft is seen—
And then it closes at your feet
And opens further on—
He likes a Boggy Acre—
A Floor too cool for Corn—
Yet when a Boy, and Barefoot—
I more than once at Noon
Have passed, I thought, a Whip-lash
Unbraiding in the Sun—
When, stooping to secure it,
It wrinkled, and was gone—

Several of Nature's People
I know, and they know me—
I feel for them a transport
Of cordiality—
But never met this Fellow,
Attended, or alone—
Without a tighter breathing
And zero at the bone—

- 332.** Who or what is the *Fellow* in this poem?
- a whip-lash
 - a snake
 - a gust of wind
 - a boy

501 Reading Comprehension Questions

- 333.** The phrase *Without a tighter breathing / And zero at the bone* most nearly indicates
- a. fright.
 - b. cold.
 - c. grief.
 - d. awe.
- 334.** The phrase *Nature's People* means
- a. nature-lovers.
 - b. children.
 - c. animals.
 - d. neighbors.
- 335.** The speaker of this poem is most likely
- a. an adult woman.
 - b. an adult man.
 - c. Emily Dickinson, the poet.
 - d. a young boy.

501 Reading Comprehension Questions

It's true that poems often have two levels—one literal, one figurative. The next poem, also by Emily Dickinson, is full of images from nature. In exploring the second level of meaning, consider the speaker's attitude, revealed especially through surprising and jarring word choices.

Apparently with No Surprise

Apparently with no surprise
To any happy flower,
The frost beheads it at its play
In accidental power.

The blond assassin passes on,
The sun proceeds unmoved
To measure off another day
For an approving God.

- 336.** Which of the following most nearly describes the author's attitude toward nature as expressed in this poem?
- a. delight
 - b. dismay
 - c. indifference
 - d. reverence
- 337.** The poem implies that the attitude of the flowers toward the frost is one of
- a. fear.
 - b. horror.
 - c. acceptance.
 - d. reverence.
- 338.** The tone of the poem implies that the speaker probably regards God as
- a. benevolent.
 - b. just.
 - c. cruel.
 - d. angry.

501 Reading Comprehension Questions

Poetry often uses words in unexpected ways. This forces the reader to consider the deeper meanings of words, while also reflecting on the idea that the poet hopes to get across. Consider both the words and the ideas in this poem by Sir Walter Scott.

Patriotism

Breathes there the man with soul so dead,
Who never to himself hath said,
 “This is my own, my native land!”
Whose heart hath ne’er within him burned
As home his footsteps he hath turned
 From wandering on a foreign strand?
If such there breathe, go, mark him well;
For him no Minstrel raptures swell;
High though his titles, proud his name,
Boundless his wealth as wish can claim;
Despite those titles, power, and pelf,
The wretch, concentred all in self,
Living, shall forfeit fair renown,
And, doubly dying, shall go down
To the vile dust from whence he sprung,
Unwept, unhonored, and unsung.

- 339.** What is the most likely meaning of the underlined word *pelf*, as used in this poem?
- power
 - wealth
 - stealth
 - health
- 340.** What is the poet’s main idea in this poem?
- Those who become rich must hate their country.
 - Traveling abroad helps a person appreciate home.
 - Those who do not love their country will not be honored.
 - Patriotism is the last refuge for scoundrels.

501 Reading Comprehension Questions

- 341.** What does the poem mean that such people will be “doubly dying” (three lines from the end)?
- They will not die alone.
 - They will die physically and also be forgotten.
 - Their death will be painful.
 - They will die, then rise again.
- 342.** What does the underlined word *concentred* most likely mean?
- swirling or curved
 - arrogant, proud
 - focused on, concerned with
 - looking upward
- 343.** One can infer from this poem that Sir Walter Scott
- loved his homeland.
 - was from Great Britain.
 - hated war.
 - spoke many languages.

This next poem is by William Shakespeare.

The Seven Ages of Man

All the world's a stage,
And all the men and women merely players;
They have their exits and their entrances;
And one man in his time plays many parts.
His acts being seven ages. At first the infant,
Mewling . . . in the nurse's arms.
And then the whining schoolboy, with his satchel
And shining morning face . . . And then the lover,
Sighing like a furnace . . . Then a soldier
Full of strange oaths . . . Jealous of honor,
Sudden and quick in quarrel . . . And then the
justice . . .
Full of wise saws and modern instances;
And so he plays his part. The sixth age shifts
Into the lean and slippered pantaloon.
With spectacles on nose and pouch on side.
. . . and his big manly voice, Turning again toward
Childish treble, pipes and whistles in his sound.
Last scene of all,
That ends this strange eventful history,
Is second childishness, and mere oblivion,
Sans teeth, sans eyes, sans taste, sans everything.

- 344.** What attitude does the speaker reveal by using the word *merely* in the second line?
- a. sorrow
 - b. anger
 - c. amusement
 - d. indifference
- 345.** What characterizes the period of life represented by the soldier?
- a. brash behavior
 - b. his sense of honor
 - c. his dedication to duty
 - d. his fear of cowardice

501 Reading Comprehension Questions

- 346.** What is the main idea of this poem?
- a. Life is a misery that never gets any better at any time.
 - b. Life is what each of us makes of it during our journey down the river of eternity.
 - c. Life is a play and it follows a specific script, none of which should cause anguish or sorrow.
 - d. Life is a comedy, and we are all buffoons in pantaloons no matter what we do.
- 347.** What is the theme of the poem?
- a. Death is to be feared.
 - b. Life is a circle that brings us back to the beginning.
 - c. The male of the species is the only true measure of the stages of life.
 - d. The stages of life are unrelated and can be altered by each individual's free will.
- 348.** The poet uses the words *merely* (line 2) and *mere* (line 20)
- a. to soften the effect of the strong images he presents to us in those lines.
 - b. to tie together his theme of the cycle of life.
 - c. convey his tone to the reader.
 - d. all of the above.

9

Philosophy and Literature

The next passages are based on philosophy and literature. You don't have to be an expert in either subject to answer the questions correctly. All the information that you need is in the passage. Look for the main idea, words in context, and the topic sentence to help you understand the basic information. Then use your ability to make inferences based on the facts in the passage. Using all the available information in the passage will help you identify ideas not explicitly stated in the text.

PHILOSOPHY

The word *philosophy* literally means "love of wisdom." It refers to the writings of men and women who wrestle with life's universal questions.

501 Reading Comprehension Questions

The answers to this section begin on page 169.

The fictional world of Nobel Prize winner Toni Morrison’s novel *Sula*—the African-American section of Medallion, Ohio, a community called the Bottom—is a place where people and natural things are apt to go awry, to break from their prescribed boundaries, a place where bizarre and unnatural happenings and strange reversals of the ordinary are commonplace. The very naming of the setting of *Sula* is a turning upside-down of the expected; the Bottom is located high in the hills. The novel is filled with images of mutilation, both psychological and physical. A great part of the lives of the characters, therefore, is taken up with making sense of the world, setting boundaries, and devising methods to control what is essentially uncontrollable. One of the major devices used by the people of the Bottom is the seemingly universal one of creating a _____; in this case, the title character Sula—upon which to project both the evil they perceive outside themselves and the evil in their own hearts.

- 349.** Which of the following words would best fit into the blank in the final sentence of the passage?
- a. scapegoat
 - b. hero
 - c. leader
 - d. victim
- 350.** Based on the description of the setting of the novel *Sula*, which of the following adjectives would most likely describe the behavior of many of its residents?
- a. furtive
 - b. suspicious
 - c. unkempt
 - d. eccentric

LITERATURE

A broad term used to describe many types of writing, including fiction, biography, essays, and so forth.

501 Reading Comprehension Questions

Don't forget to look for the author's attitude in the material you read. Is it positive, negative, or neutral? Ask yourself, how might the author have spoken if he or she had felt differently?

The English language premiere of Samuel Beckett's play *Waiting for Godot* took place in London in August 1955. *Godot* is an avant-garde play with only five characters (not including Mr. Godot, who never arrives) and a minimal setting: one rock and one bare tree. The play has two acts; the second act repeats what little action occurs in the first with few changes: The tree, for instance, acquires one leaf. In a statement that was to become famous, the critic, Vivian Mercer, has described *Godot* as "a play in which nothing happens twice." Opening night, critics and playgoers greeted the play with bafflement and derision. The line, "Nothing happens, nobody comes, nobody goes. It's awful," was met by a loud rejoinder of "Hear! Hear!" from an audience member. _____.

However, Harold Hobson's review in *The Sunday Times* managed to recognize the play for what history has proven it to be, a revolutionary moment in theater.

- 351.** Which sentence, if inserted in the blank space on the previous page, would make the best sense in the context of the passage?
- The director, Peter Hall, had to beg the theater management not to close the play immediately but to wait for the Sunday reviews.
 - Despite the audience reaction, the cast and director believed in the play.
 - It looked as if *Waiting for Godot* was beginning a long run as the most controversial play of London's 1955 season.
 - Waiting for Godot* was in danger of closing the first week of its run and of becoming nothing more than a footnote in the annals of the English stage.
- 352.** Judging from the information provided in the paragraph, which of the following statements is accurate?
- The 1955 production of *Waiting for Godot* was the play's first performance.
 - Waiting for Godot* was written by Peter Hall.
 - The sets and characters in *Waiting for Godot* were typical of London stage productions in the 1950s.
 - Waiting for Godot* was not first performed in English.

501 Reading Comprehension Questions

- 353.** Which of the following provides the best definition of the term *avant-garde* as the author intends it in the passage?
- a. innovative
 - b. unintelligible
 - c. foreign
 - d. high-brow
- 354.** Which of the following best describes the attitude of the author of the passage toward the play *Waiting for Godot*?
- a. It was a curiosity in theater history.
 - b. It is the most important play of the twentieth century.
 - c. It is too repetitious.
 - d. It represents a turning point in stage history.

DRAMA

Literature that is intended to be performed or “acted out,” such as a stage play. All of Shakespeare’s plays, for example, are *dramas*.

501 Reading Comprehension Questions

Plato, the famous Greek philosopher, taught that the things of the world around us are merely copies or “shadows” of greater, eternal realities. He used a metaphor of people living inside a cave to convey his ideas. The people inside the cave could not see the world outside the cave, they could only see shadows of people and animals as they passed by.

Plato was suggesting that the shadows would seem very real and alive to the people inside the cave, because that was all they had ever seen of the outside world. But these shadows were not the real, living creatures of the outside world, they were merely reflections of them. Plato’s point was that this temporal world is a _____ of some greater, eternal reality.

- 355.** The word that would most accurately fit the blank at the end of the second paragraph is
- picture.
 - contradiction.
 - corruption.
 - reversal.
- 356.** The underlined word *convey*, as used in this passage, most accurately means
- give birth to.
 - rationalize.
 - experiment.
 - explain.
- 357.** What is the main idea of Plato’s cave analogy?
- This world is not all there is.
 - Mankind cannot hope to see the truth.
 - Humans are stupid.
 - Real things cast shadows.
- 358.** The author’s purpose in this passage is to
- refute Plato’s philosophy.
 - explain Plato’s philosophy.
 - convince the reader that life is like a cave.
 - entertain the reader.

501 Reading Comprehension Questions

- 359.** Which of the following would be the best title for this passage?
- a. Life in a Cave.
 - b. Making Shadow Puppets.
 - c. Plato's Cave Analogy.
 - d. Is There Life After Death?
- 360.** The underlined word *temporal*, as used in the passage, most nearly means
- a. hot.
 - b. right-handed.
 - c. old-fashioned.
 - d. temporary.

501 Reading Comprehension Questions

This is an excerpt from Mark Twain's *Roughing It*. Twain gives an eyewitness account of the operation of the Pony Express, the West's first mail system.

The little flat mail-pockets strapped under the rider's thighs would each hold about the bulk of a child's primer. They held many an important business chapter and newspaper letter, but these were written on paper as airy and thin as gold-leaf, nearly, and thus bulk and weight were economized. The stagecoach traveled about a hundred to a hundred and twenty-five miles a day (twenty-four hours), the pony-rider about two hundred and fifty. There were about eighty pony-riders in the saddle all the time, night and day, stretching in a long, scattering procession from Missouri to California, 40 flying eastward, and 40 toward the west, and among them making 400 gal-lant horses earn a stirring livelihood and see a deal of scenery every single day in the year.

We had a consuming desire, from the beginning, to see a pony-rider, but somehow or other all that passed us and all that met us managed to streak by in the night, and so we heard only a whiz and a hail, and the swift phantom of the desert was gone before we could get our heads out of the windows. But now we were expecting one along every moment, and would see him in broad daylight. Presently the driver exclaims:

“HERE HE COMES!”

Every neck is stretched further, and every eye strained wider. Away across the endless dead level of the prairie a black speck appears against the sky, and it is plain that it moves. Well, I should think so! In a second or two it becomes a horse and rider, rising and falling, rising and falling, rising and falling—sweeping toward us nearer and nearer—growing more and more distinct, more and more sharply defined—nearer and still nearer, and the flutter of the hoofs comes faintly to the ear—another instant a whoop and a hurrah from our upper deck, a wave of the rider's hand, but no reply, and a man and a horse burst past our excited faces, and go swinging away like a belated fragment of a storm!

501 Sentence Completion Questions

- 361.** Based on the tone of the passage, which of the following words best describes the author's attitude toward the Pony Express rider?
- a. indifference
 - b. fear
 - c. bewilderment
 - d. excitement
- 362.** The sighting of the pony-rider is told from which viewpoint?
- a. a person sitting on a porch
 - b. a passenger inside a stagecoach
 - c. a passenger in a hot air balloon
 - d. a person picnicking
- 363.** The reader can infer that the stagecoach in the passage did not
- a. carry mail.
 - b. have windows.
 - c. travel by night.
 - d. travel a different route from that of the Pony Express.
- 364.** Which of the following is not supported by the passage?
- a. The mail was strapped in a pouch under the rider's thighs.
 - b. The rider rode great distances to deliver the mail.
 - c. People did not care about the Pony Express rider.
 - d. Usually eighty pony riders were in the saddle at any given time.

10

Longer Passages

The passages in this section are the final test of your reading comprehension skills. They test your ability to read large blocks of text, define words in context, and respond to questions about content.

You'll find that the longer passages in this section are the most difficult of all the ones you have read in this book so far, but at this point, *you are more than ready* for them. Some of the passages are about new research, geology, history, and even Greek mythology. Some of the passages contain technical and scientific information, much of it related to medicine. If the material looks daunting because of unfamiliar vocabulary, read the passage in a relaxed manner to get a sense of its overall meaning and organizational pattern. After that, go back and read the passage one paragraph at a time.

BIOGRAPHY

The word *biography* literally means “written life,” and refers to literature that tells a person’s life story. An *autobiography* is a biography written by the person whose life story is being told.

501 Reading Comprehension Questions

The material will seem less overwhelming if you consider it in smaller chunks. Notes or outlines may also help clarify the material for you.

Remember that the reading process is the same whether the text is long or short, complex or simple, and the way to respond to the questions correctly is to read closely and carefully.

TONE

The “feeling” or “atmosphere” that a writer creates in addressing a given subject. Tone is created through word choices, information that is included, information that is omitted, and so on.

Some tones include:

angry	supportive
hostile	humorous

501 Reading Comprehension Questions

The walnut tree produces wood that is used for countless purposes, and is considered the finest wood in the world. The wood is easy to work with, yet it is very hard and durable—and when it is polished, it produces a rich, dark luster. It also shrinks and swells less than any other wood, which makes it especially desirable for fine furniture, flooring, and even gun stocks.

In fact, just about every part of the walnut is unusually hard and strong. The nut of the tree is encased inside a very hard shell, which itself is enclosed in a leathery outer covering called a husk. It requires real effort to break through those layers to get at the tasty meat inside.

Yet every part of the walnut is useful to people. The outer husk produces a dark reddish stain that is hard to remove from the hands of the person who opens the nut, and this pigment is widely used in dyes and wood stains. The inner shell is used as an abrasive to clean jet engines. And the meat of the nut is extensively used in cooking, ice cream, flavorings—and just eaten raw.

Walnut trees exude a chemical into the soil near their roots which can be poisonous to some trees and shrubs. Fruit trees, for example, will not survive if planted too close to a walnut. Many other plants, such as maple trees or ivy, are not affected by the walnut's presence, and are well-suited to grow in its vicinity.

- 365.** What is the topic of this passage?
- the use of walnut wood in furniture
 - walnut trees
 - where to plant walnuts
 - trees of North America
- 366.** What is the main idea of the passage?
- Trees are used for many things.
 - Maple trees grow well with walnuts.
 - Walnuts can kill other trees.
 - Walnut trees are valuable when planted correctly.
- 367.** As used in the passage, the underlined word *abrasive* most nearly means
- rough.
 - disagreeable.
 - soft.
 - fragrant.

501 Reading Comprehension Questions

- 368.** The author of the passage probably believes that
- walnut trees are endangered.
 - people should recycle more
 - people should grow walnut trees if possible.
 - maple trees are not good for furniture making.
- 369.** As used in the passage, the underlined word *exude* most nearly means
- give off.
 - naked.
 - smell bad.
 - leave the area.

Today, bicycles are elegantly simple machines that are common around the world. Many people ride bicycles for recreation, whereas others use them as a means of transportation. The first bicycle, called a *draisienne*, was invented in Germany in 1818 by Baron Karl de Drais de Sauerbrun. Because it was made of wood, the *draisienne* wasn't very durable nor did it have pedals. Riders moved it by pushing their feet against the ground.

In 1839, Kirkpatrick Macmillan, a Scottish blacksmith, invented a much better bicycle. Macmillan's machine had tires with iron rims to keep them from getting worn down. He also used foot-operated cranks, similar to pedals, so his bicycle could be ridden at a quick pace. It didn't look much like the modern bicycle, though, because its back wheel was substantially larger than its front wheel. Although Macmillan's bicycles could be ridden easily, they were never produced in large numbers.

In 1861, Frenchman Pierre Michaux and his brother Ernest invented a bicycle with an improved crank mechanism. They called their bicycle a *vélocipède*, but most people called it a "bone shaker" because of the jarring effect of the wood and iron frame. Despite the unflattering nickname, the *vélocipède* was a hit. After a few years, the Michaux family was making hundreds of the machines annually, mostly for fun-seeking young people.

Ten years later, James Starley, an English inventor, made several innovations that revolutionized bicycle design. He made the

501 Reading Comprehension Questions

front wheel many times larger than the back wheel, put a gear on the pedals to make the bicycle more efficient, and lightened the wheels by using wire spokes. Although this bicycle was much lighter and less tiring to ride, it was still clumsy, extremely top-heavy, and ridden mostly for entertainment.

It wasn't until 1874 that the first truly modern bicycle appeared on the scene. Invented by another Englishman, H. J. Lawson, the safety bicycle would look familiar to today's cyclists. The safety bicycle had equal-sized wheels, which made it much less prone to toppling over. Lawson also attached a chain to the pedals to drive the rear wheel. By 1893, the safety bicycle had been further improved with air-filled rubber tires, a diamond-shaped frame, and easy braking. With the improvements provided by Lawson, bicycles became extremely popular and useful for transportation. Today, they are built, used, and enjoyed all over the world.

- 370.** There is enough information in this passage to show that
- several people contributed to the development of the modern bicycle.
 - only a few *vélocipèdes* built by the Michaux family are still in existence.
 - for most of the nineteenth century, few people rode bicycles just for fun.
 - bicycles with wheels of different sizes cannot be ridden easily.
- 371.** The first person to use a gear system on bicycles was
- H. J. Lawson.
 - Kirkpatrick Macmillan.
 - Pierre Michaux.
 - James Starley.
- 372.** This passage was most likely written in order to
- persuade readers to use bicycles for transportation.
 - describe the problems that bicycle manufacturers encounter.
 - compare bicycles used for fun with bicycles used for transportation.
 - tell readers a little about the history of the bicycle.

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- 373.** Macmillan added iron rims to the tires of his bicycle to
- add weight to the bicycle.
 - make the tires last longer.
 - make the ride less bumpy.
 - make the ride less tiring.

- 374.** Read the following sentence from the fourth paragraph:

Ten years later, James Starley, an English inventor, made several innovations that revolutionized bicycle design.

As it is used in the sentence, the underlined word *revolutionized* most nearly means

- cancelled.
 - changed drastically.
 - became outdated.
 - exercised control over.
- 375.** Which of the following statements from the passage represents the writer's *opinion*?
- The safety bicycle would look familiar to today's cyclists.
 - Two hundred years ago, bicycles didn't even exist.
 - The Michaux brothers called their bicycle a *vélocipède*.
 - Macmillan's machine had tires with iron rims.

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One of the most hazardous conditions a firefighter will ever encounter is a backdraft (also known as a smoke explosion). A backdraft can occur in the hot-smoldering phase of a fire when burning is incomplete and there is not enough oxygen to sustain the fire. Unburned carbon particles and other flammable products, combined with the intense heat, may cause instantaneous combustion if more oxygen reaches the fire.

Firefighters should be aware of the conditions that indicate the possibility for a backdraft to occur. When there is a lack of oxygen during a fire, the smoke becomes filled with carbon dioxide or carbon monoxide and turns dense gray or black. Other warning signs of a potential backdraft are little or no visible flame, excessive heat, smoke leaving the building in puffs, muffled sounds, and smoke-stained windows.

Proper ventilation will make a backdraft less likely. Opening a room or building at the highest point allows heated gases and smoke to be released gradually. However, suddenly breaking a window or opening a door is a mistake, because it allows oxygen to rush in, causing an explosion.

- 376.** A backdraft is a dangerous condition for firefighters mainly because
- a. there is not enough oxygen for breathing.
 - b. the heat is extremely intense.
 - c. the smoke is dangerously thick.
 - d. an explosion occurs.
- 377.** Which of the following is not mentioned as a potential backdraft warning sign?
- a. windows stained with smoke
 - b. flames shooting up from the building
 - c. puffs of smoke leaving the building
 - d. more intense heat than usual

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- 378.** To prevent the possibility of a backdraft, a firefighter should
- carry an oxygen tank.
 - open a door to allow gases to escape.
 - make an opening at the top of the building.
 - break a window to release carbon particles.
- 379.** When compared with a hot, smoldering fire, a fire with visible, high-reaching flames
- has more oxygen available for combustion.
 - has more carbon dioxide available for consumption.
 - produces more dense gray smoke.
 - is more likely to cause a backdraft.

The human body can tolerate only a small range of temperature, especially when the person is engaged in vigorous activity. Heat reactions usually occur when large amounts of water and/or salt are lost through excessive sweating following strenuous exercise. When the body becomes overheated and cannot eliminate this excess heat, heat exhaustion and heat stroke are possible.

Heat exhaustion is generally characterized by clammy skin, fatigue, nausea, dizziness, profuse perspiration, and sometimes fainting, resulting from an inadequate intake of water and the loss of fluids. First aid treatment for this condition includes having the victim lie down, raising the feet 8 to 12 inches, applying cool, wet cloths to the skin, and giving the victim sips of salt water (1 teaspoon per glass, half a glass every 15 minutes) over a 1-hour period.

Heat stroke is much more serious; it is an immediate life-threatening situation. The characteristics of heat stroke are a high body temperature (which may reach 106° F or more); a rapid pulse; hot, dry skin; and a blocked sweating mechanism. Victims of this condition may be unconscious, and first-aid measures should be directed at quickly cooling the body. The victim should be placed in a tub of cold water or repeatedly sponged with cool water until his or her temperature is sufficiently lowered. Fans or air conditioners will also help with the cooling process. Care should be taken, however, not to over-chill the victim once the temperature is below 102° F.

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- 380.** The most immediate concern of a person tending to a victim of heat stroke should be to
- a. get salt into the victim's body.
 - b. raise the victim's feet.
 - c. lower the victim's pulse.
 - d. lower the victim's temperature.
- 381.** Which of the following is a symptom of heat exhaustion?
- a. unconsciousness
 - b. profuse sweating
 - c. hot, dry skin
 - d. a weak pulse
- 382.** Heat stroke is more serious than heat exhaustion because heat stroke victims
- a. do not sweat.
 - b. have no salt in their bodies.
 - c. cannot take in water.
 - d. have frequent fainting spells.
- 383.** Symptoms such as nausea and dizziness in a heat exhaustion victim indicate that the person most likely needs to
- a. be immediately taken to a hospital.
 - b. be given more salt water.
 - c. be immersed in a tub of water.
 - d. sweat more.

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Remember that much scientific and technical writing deals with cold, hard, explicit facts. This means that, with close reading, you stand a good chance of answering most, if not all, of the questions with confidence.

No longer is asthma considered a condition with isolated, acute episodes of bronchospasm. Rather, asthma is now understood to be a chronic inflammatory disorder of the airways—that is, inflammation makes the airways chronically sensitive. When these hyperresponsive airways are irritated, airflow is limited, and attacks of coughing, wheezing, chest tightness, and breathing difficulty occur.

Asthma involves complex interactions among inflammatory cells, mediators, and the cells and tissues in the airways. The interactions result in airflow limitation from acute bronchoconstriction, swelling of the airway wall, increased mucus secretion, and airway remodeling. The inflammation also causes an increase in airway responsiveness. During an asthma attack, the patient attempts to compensate by breathing at a higher lung volume in order to keep the air flowing through the constricted airways, and the greater the airway limitation, the higher the lung volume must be to keep airways open. The morphologic changes that occur in asthma include bronchial infiltration by inflammatory cells. Key effector cells in the inflammatory response are the mast cells, T lymphocytes, and eosinophils. Mast cells and eosinophils are also significant participants in allergic responses, hence the similarities between allergic reactions and asthma attacks. Other changes include mucus plugging of the airways, interstitial edema, and microvascular leakage. Destruction of bronchial epithelium and thickening of the subbasement membrane is also characteristic. In addition, there may be hypertrophy and hyperplasia of airway smooth muscle, increase in goblet cell number, and enlargement of submucous glands.

Although causes of the initial tendency toward inflammation in the airways of patients with asthma are not yet certain, to date the strongest identified risk factor is atopy. This inherited familial tendency to have allergic reactions includes increased sensitivity to allergens that are risk factors for developing asthma. Some of these allergens include domestic dust mites, animals with fur, cockroaches, pollens, and molds. Additionally, asthma may be triggered by viral respiratory infections, especially in children. By avoiding these aller-

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gens and triggers, a person with asthma lowers his or her risk of irritating sensitive airways. A few avoidance techniques include: keeping the home clean and well ventilated, using an air conditioner in the summer months when pollen and mold counts are high, and getting an annual influenza vaccination. Of course, asthma sufferers should avoid tobacco smoke altogether. Cigar, cigarette, or pipe smoke is a trigger whether the patient smokes or inhales the smoke from others. Smoke increases the risk of allergic sensitization in children, increases the severity of symptoms, and may be fatal in children who already have asthma. Many of the risk factors for developing asthma may also provoke asthma attacks, and people with asthma may have one or more triggers, which vary from individual to individual. The risk can be further reduced by taking medications that decrease airway inflammation. Most exacerbations can be prevented by the combination of avoiding triggers and taking anti-inflammatory medications. An exception is physical activity, which is a common trigger of exacerbations in asthma patients. However, asthma patients should not necessarily avoid all physical exertion, because some types of activity have been proven to reduce symptoms. Rather, they should work in conjunction with a doctor to design a proper training regimen, which includes the use of medication.

In order to diagnose asthma, a healthcare professional must appreciate the underlying disorder that leads to asthma symptoms and understand how to recognize the condition through information gathered from the patient's history, physical examination, measurements of lung function, and allergic status. Because asthma symptoms vary throughout the day, the respiratory system may appear normal during physical examination. Clinical signs are more likely to be present when a patient is experiencing symptoms; however, the absence of symptoms upon examination does not exclude the diagnosis of asthma.

- 384.** According to the passage, what is the name for the familial inclination to have hypersensitivity to certain allergens?
- interstitial edema
 - hyperplasia
 - hypertrophy
 - atopy

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- 385.** Why does a person suffering from an asthma attack attempt to inhale more air?
- to prevent the loss of consciousness
 - to keep air flowing through shrunken air passageways
 - to prevent hyperplasia
 - to compensate for weakened mast cells, T lymphocytes, and eosinophils
- 386.** The passage suggests that in the past, asthma was regarded as which of the following?
- a result of the overuse of tobacco products
 - a hysterical condition
 - mysterious, unrelated attacks affecting the lungs
 - a chronic condition
- 387.** Which of the following would be the best replacement for the underlined word *exacerbations* in this passage?
- allergies
 - attacks
 - triggers
 - allergens
- 388.** The passage mentions all of the following bodily changes during an asthma attack except
- severe cramping in the chest.
 - heavy breathing.
 - airways blocked by fluids.
 - constricted airways.
- 389.** Although it is surprising, which of the following triggers is mentioned in the passage as possibly reducing the symptoms of asthma in some patients?
- using a fan instead of an air conditioner in summer months
 - exposure to second-hand cigarette smoke
 - the love of a family pet
 - performing physical exercise

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- 390.** Why might a patient with asthma have an apparently normal respiratory system during an examination by a doctor?
- a. Asthma symptoms come and go throughout the day.
 - b. Severe asthma occurs only after strenuous physical exertion.
 - c. Doctor's offices are smoke free and very clean.
 - d. The pollen and mold count may be low that day.
- 391.** Who might be the most logical audience for this passage?
- a. researchers studying the respiratory system
 - b. healthcare professionals
 - c. a mother whose child has been diagnosed with asthma
 - d. an antismoking activist
- 392.** What is the reason given in this article for why passive smoke should be avoided by children?
- a. A smoke-filled room is a breeding ground for viral respiratory infections.
 - b. Smoke can stunt an asthmatic child's growth.
 - c. Smoke can heighten the intensity of asthma symptoms.
 - d. Breathing smoke can lead to a fatal asthma attack.

Millions of people in the United States are affected by eating disorders. More than 90% of those afflicted are adolescents or young adult women. Although all eating disorders share some common manifestations, anorexia nervosa, bulimia nervosa, and binge eating each have distinctive symptoms and risks.

People who intentionally starve themselves (even while experiencing severe hunger pains) suffer from anorexia nervosa. The disorder, which usually begins around the time of puberty, involves extreme weight loss to at least 15% below the individual's normal body weight. Many people with the disorder look emaciated but are convinced they are overweight. In patients with anorexia nervosa, starvation can damage vital organs such as the heart and brain. To protect itself, the body shifts into slow gear: Menstrual periods stop, blood pressure rates drop, and thyroid function slows. Excessive thirst and frequent urination may occur. Dehydration contributes to constipation, and reduced body fat leads to lowered body temperature and the inability to withstand cold. Mild anemia, swollen joints, reduced muscle mass, and light-headedness also commonly occur in anorexia nervosa.

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Anorexia nervosa sufferers can exhibit sudden angry outbursts or become socially withdrawn. One in ten cases of anorexia nervosa leads to death from starvation, cardiac arrest, other medical complications, or suicide. Clinical depression and anxiety place many individuals with eating disorders at risk for suicidal behavior.

People with bulimia nervosa consume large amounts of food and then rid their bodies of the excess calories by vomiting, abusing laxatives or diuretics, taking enemas, or exercising obsessively. Some use a combination of all these forms of purging. Individuals with bulimia who use drugs to stimulate vomiting, bowel movements, or urination may be in considerable danger, as this practice increases the risk of heart failure. Dieting heavily between episodes of bingeing and purging is common.

Because many individuals with bulimia binge and purge in secret and maintain normal or above normal body weight, they can often successfully hide their problem for years. But bulimia nervosa patients—even those of normal weight—can severely damage their bodies by frequent binge eating and purging. In rare instances, binge eating causes the stomach to rupture; purging may result in heart failure due to loss of vital minerals such as potassium. Vomiting can cause the esophagus to become inflamed and glands near the cheeks to become swollen. As in anorexia nervosa, bulimia may lead to irregular menstrual periods. Psychological effects include compulsive stealing as well as possible indications of obsessive-compulsive disorder, an illness characterized by repetitive thoughts and behaviors. Obsessive-compulsive disorder can also accompany anorexia nervosa. As with anorexia nervosa, bulimia typically begins during adolescence. Eventually, half of those with anorexia nervosa will develop bulimia. The condition occurs most often in women but is also found in men.

Binge-eating disorder is found in about 2% of the general population. As many as one-third of this group are men. It also affects older women, though with less frequency. Recent research shows that binge-eating disorder occurs in about 30% of people participating in medically supervised weight-control programs. This disorder differs from bulimia because its sufferers do not purge. Individuals with binge-eating disorder feel that they lose control of themselves when eating. They eat large quantities of food and do not stop until they are uncomfortably full. Most sufferers are overweight or obese and have a history of weight fluctuations. As a result, they are prone

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to the serious medical problems associated with obesity, such as high cholesterol, high blood pressure, and diabetes. Obese individuals also have a higher risk for gallbladder disease, heart disease, and some types of cancer. Usually they have more difficulty losing weight and keeping it off than do people with other serious weight problems. Like anorexic and bulimic sufferers who exhibit psychological problems, individuals with binge-eating disorder have high rates of simultaneously occurring psychiatric illnesses, especially depression.

- 393.** Fatalities occur in what percent of people with anorexia nervosa?
- 2%
 - 10%
 - 15%
 - 30%
- 394.** Which of the following consequences do all the eating disorders mentioned in the passage have in common?
- heart ailments
 - stomach rupture
 - swollen joints
 - diabetes
- 395.** According to the passage, people with binge-eating disorder are prone to all of the following EXCEPT
- loss of control.
 - depression.
 - low blood pressure.
 - high cholesterol.
- 396.** Which of the following is NOT a statement about people with eating disorders?
- People with anorexia nervosa commonly have a blood-related deficiency.
 - People with anorexia nervosa perceive themselves as overweight.
 - The female population is the primary group affected by eating disorders.
 - Fifty percent of people with bulimia have had anorexia nervosa.

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- 397.** People who have an eating disorder but nevertheless appear to be of normal weight are most likely to have
- obsessive-compulsive disorder.
 - bulimia nervosa.
 - binge-eating disorder.
 - anorexia nervosa.
- 398.** Glandular functions of eating-disorder patients slow down as a result of
- lowering body temperatures.
 - excessive thirst and urination.
 - protective measures taken by the body.
 - the loss of essential minerals.
- 399.** The inability to eliminate body waste is related to
- dehydration.
 - an inflamed esophagus.
 - the abuse of laxatives.
 - weight-control programs.
- 400.** According to the passage, which of the following is true of bulimia patients?
- They may demonstrate unpredictable social behavior.
 - They often engage in compulsive exercise.
 - They are less susceptible to dehydration than are anorexia patients.
 - They frequently experience stomach ruptures.
- 401.** Which of the following represent up to two-thirds of the binge-eating disorder population?
- older males
 - older females
 - younger males
 - younger females

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Greyhound racing is the sixth most popular spectator sport in the United States. Over the last decade, a growing number of racers have been adopted to spend their retirement as household pets, once their racing careers are over.

Many people hesitate to adopt a retired racing greyhound because they think only very old dogs are available. Actually, even champion racers only work until they are about three-and-a-half years old. Because greyhounds usually live to be 12 to 15 years old, their retirement is much longer than their racing careers.

People worry that a greyhound will be more nervous and active than other breeds and will need a large space to run. These are false impressions. Greyhounds have naturally sweet, mild dispositions, and while they love to run, they are sprinters rather than distance runners and are sufficiently exercised with a few daily laps around a fenced-in backyard.

Greyhounds do not make good watchdogs, but they are very good with children, get along well with other dogs (and usually cats as well), and are affectionate and loyal. They are intelligent, well-behaved dogs, usually housebroken in only a few days. A retired racing greyhound is a wonderful pet for almost anyone.

- 402.** Based on the tone of the passage, the author's main purpose is to
- teach prospective owners how to transform their racing greyhound into a good pet.
 - show how the greyhound's nature makes it equally good as racer and pet.
 - encourage people to adopt retired racing greyhounds.
 - objectively present the pros and cons of adopting a racing greyhound.
- 403.** According to the passage, adopting a greyhound is a good idea for people who
- do not have children.
 - live in apartments.
 - do not usually like dogs.
 - already have another dog or a cat.

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- 404.** Which of the following is implied by the passage?
- The public is more aware of greyhounds than they used to be.
 - Greyhounds are more competitive than other dogs.
 - Greyhound racing should not be allowed.
 - People who own pet rabbits should not adopt greyhounds.
- 405.** One drawback of adopting a greyhound is that
- greyhounds are not good with children.
 - greyhounds are old when they retire from racing.
 - the greyhound's sensitivity makes it temperamental.
 - greyhounds are not good watch dogs.
- 406.** This passage is most like an advertisement because it
- uses statistics to prove its point.
 - does not present information to substantiate its claims.
 - says nothing negative about greyhounds.
 - encourages people to do something.
- 407.** According to the passage, a retired racing greyhound available for adoption will most likely be
- happy to be retiring.
 - easily housebroken.
 - a champion, or else it would have been euthanized.
 - less high-strung than those that are not available for adoption.

The lives of the Ancient Greeks revolved around *eris*, a concept by which they defined the universe. They believed that the world existed in a condition of opposites. If there was good, then there was evil, if there was love, then there was hatred; joy, then sorrow; war then peace; and so on. The Greeks believed that good *eris* occurred when one held a balanced outlook on life and coped with problems as they arose. It was a kind of ease of living that came from trying to bring together the great opposing forces in nature. Bad *eris* was evident in the violent conditions that ruled men's lives. Although these things were found in nature and sometimes could not be controlled, it was believed that bad *eris* occurred when one ignored a problem, letting it grow larger until it destroyed not only that person, but his family

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as well. The Ancient Greeks saw *eris* as a goddess: Eris, the Goddess of Discord, better known as Trouble.

One myth that expresses this concept of bad *eris* deals with the marriage of King Peleus and the river goddess Thetis. Zeus, the supreme ruler, learns that Thetis would bear a child strong enough to destroy its father. Not wanting to father his own ruin, Zeus convinces Thetis to marry a human, a mortal whose child could never challenge the gods. He promises her, among other things, the greatest wedding in all of Heaven and Earth and allows the couple to invite whomever they please. This is one of the first mixed marriages of Greek Mythology and the lesson learned from it still applies today. They do invite everyone . . . except Eris, the Goddess of Discord. In other words, instead of facing the problems brought on by a mixed marriage, they turn their backs on them. They refused to deal directly with their problems and the result is tragic. In her fury, Eris arrives, ruins the wedding, causes a jealous feud between the three major goddesses over a golden apple, and sets in place the conditions that lead to the Trojan War. The war would take place 20 years in the future, but it would result in the death of the only child of the bride and groom, Achilles. Eris would destroy the parents' hopes for their future, leaving the couple with no legitimate heirs to the throne.

Hence, when we are told, "If you don't invite trouble, trouble comes," it means that if we don't deal with our problems, our problems will deal with us . . . with a vengeance! It is easy to see why the Greeks considered many of their myths learning myths, for this one teaches us the best way to defeat that which can destroy us.

- 408.** According to the passage, the ancient Greeks believed that the concept of *eris* defined the universe
- as a hostile, violent place.
 - as a condition of opposites.
 - as a series of problems.
 - as a mixture of gods and man.
- 409.** Most specifically, *bad* *eris* is defined in the passage as
- the violent conditions of life.
 - the problems man encounters.
 - the evil goddess who has a golden apple.
 - the murderer of generations.

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- 410.** It can be inferred that Zeus married Thetis off because
- he needed to buy the loyalty of a great king of mankind.
 - he feared the gods would create bad eris by competing over her.
 - he feared the Trojan War would be fought over her.
 - he feared having an affair with her and, subsequently, a child by her.
- 411.** It can also be inferred that Zeus did not fear a child sired by King Peleus because
- he knew that the child could not climb Mt. Olympus.
 - he knew that the child would be killed in the Trojan War.
 - he knew that no matter how strong a mortal child was, he couldn't overthrow an immortal god.
 - he knew that Thetis would always love him above everyone else.
- 412.** According to the passage, Achilles
- defeated Zeus during the Trojan War.
 - dies during the Trojan War.
 - was born 20 years after the war because of the disruption Eris caused at the wedding.
 - was the illegitimate son of Peleus.
- 413.** Which of the following statements is the message offered in the myth?
- Do not consider a mixed marriage.
 - Do not anger the gods.
 - Do not ignore the problems that arise in life.
 - Do not take myths seriously.

She was one of those pretty, charming women who are born, as if by an error of Fate, into a petty official's family. She had no dowry,¹ no hopes, nor the slightest chance of being loved and married by a rich man—so she slipped into marriage with a minor civil servant.

Unable to afford jewels, she dressed simply: But she was wretched, for women have neither caste nor breeding—in them beauty, grace, and charm replace pride of birth. Innate refinement, instinctive elegance, and wit give them their place on the only scale

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that counts, and these make humble girls the peers of the grandest ladies.

She suffered, feeling that every luxury should rightly have been hers. The poverty of her rooms—the shabby walls, the worn furniture, the ugly upholstery caused her pain. All these things that another woman of her class would not even have noticed, made her angry. The very sight of the little Breton girl who cleaned for her awoke rueful thoughts and the wildest dreams in her mind. She dreamt of rooms with Oriental hangings, lighted by tall, bronze torches, and with two huge footmen in knee breeches made drowsy by the heat from the stove, asleep in the wide armchairs. She dreamt of great drawing rooms upholstered in old silks, with fragile little tables holding priceless knickknacks, and of enchanting little sitting rooms designed for tea-time chats with famous, sought-after men whose attentions all women longed for.

She sat down to dinner at her round table with its three-day-old cloth, and watched her husband lift the lid of the soup tureen and delightedly exclaim: “Ah, a good homemade beef stew! There’s nothing better!” She visualized elegant dinners with gleaming silver and gorgeous china. She yearned for wall hangings peopled with knights and ladies and exotic birds in a fairy forest. She dreamt of eating the pink flesh of trout or the wings of grouse. She had no proper wardrobe, no jewels, nothing. And those were the only things that she loved—she felt she was made for them. She would have so loved to charm, to be envied, to be admired and sought after.

¹ dowry: property a woman brought to her husband in marriage.

This passage was adapted from “The Necklace,” by Guy de Maupassant.

- 414.** Which word best describes the actual living conditions of the couple in the selection?
- a. destitute
 - b. poor
 - c. comfortable
 - d. wealthy

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- 415.** Which line best demonstrates the couple's true economic standing?
- She had no dowry, no hopes, not the slightest chance of being married by a rich man . . .
 - The poverty of her rooms—the shabby walls, the worn furniture, the ugly upholstery caused her pain.
 - She sat down to dinner at her round table with its three-day-old cloth, and watched her husband lift the lid of the soup tureen . . .
 - The very sight of the little Breton girl who cleaned for her awoke rueful thoughts and the wildest dreams in her mind.
- 416.** According to the selection, what can be stated about the marriage of this woman?
- She married but was ashamed of the insignificant position her husband held.
 - She married on the rebound after a wealthy suitor had abandoned her.
 - She married for love without realizing the consequences to her social standing.
 - She never loved her husband.
- 417.** What can be inferred about the values of both husband and wife?
- They share the same values.
 - The husband values family and simple comforts of home, whereas his wife views these comforts as cause for her anguish.
 - The husband has ceased to enjoy the simple things and only strives to quench his wife's insatiable desire for luxury.
 - The husband believes that a wholesome meal can solve all problems, while his wife believes it is the presentation of the meal that counts.
- 418.** The main idea of the passage is
- to have the reader feel great sympathy for the wife.
 - to have the reader feel great sympathy for the husband.
 - to show the class distinctions that were so obvious during the setting of the story.
 - to show the reader how selfish and self-centered the wife is.

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- 419.** What part of speech does de Maupassant employ to weave the rich images he presents through the wife's descriptions?
- a. adjectives
 - b. adverbs
 - c. nouns
 - d. verbs

Arteries of the heart blocked by plaque can reduce the flow of blood to the heart possibly resulting in heart attack or death. Plaque is actually fat and cholesterol that accumulates on the inside of the arteries. The arteries of the heart are small and can be blocked by such accumulations. There is a medical procedure that creates more space in the blocked artery by inserting and inflating a tiny balloon into the blood vessel. It is called coronary balloon angioplasty. *Angioplasty* means "blood vessel repair." When the balloon is inflated, it compresses the plaque against the wall of the artery, creating more space and improving the flow of blood.

Many doctors choose this technique, because it is less invasive than bypass surgery. Yes, both involve entering the body cavity, but in bypass surgery, the chest must be opened, the ribs must be cut, and the section of diseased artery must be removed and replaced. To replace it, the patient's body is opened, once again, to acquire a healthy section of artery. Usually, this blood vessel is removed from an artery located in the calf of the leg. This means the patient now has two painful incisions that must heal at the same time. There is far more risk in such bypass surgery than in angioplasty, which involves threading a thin tube, called a catheter, into the circulatory system and working it to the damaged artery.

Angioplasty may take between 30 minutes to 3 hours to complete. It begins with a distinctive dye that is injected into the bloodstream. A thin catheter is then inserted into the femoral artery of the leg, near the groin. The doctor monitors the path of the dye using x-rays. He moves the tube through the heart and into the plaque-filled artery. He inflates the balloon, creating more space, deflates the balloon, and removes the tube. It is important to note that the plaque has not been removed; it has just been compressed against the sides of the artery. Sometimes, a *stent* may be implanted, a tiny tube of stainless steel that is expandable when necessary. Its function is to keep the artery open.

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There is good news and there is bad news. The good news is that the statistics compiled are superb. Ninety percent of all angioplasty procedures are successful. The risk of dying during an operation of this type is less than 2%. The risk of heart attack is also small: 3–5%. Yet heart surgeons do not take any risk lightly; therefore, a team of surgeons stands ready to perform bypass surgery if needed. The length of hospitalization is only three days. The bad news is twofold. First, this procedure treats the condition but does not eradicate the cause. In 20% of the cases, there is a recurrence of plaque. Second, angioplasty is not recommended for all patients. The surgeons must consider the patient's age, physical history, how severe the blockage is, and, finally, the degree of damage to the artery before they make their determination.

- 420.** When coronary arteries are blocked by plaque, one of the results could be
- stroke.
 - heart attack.
 - hospitalization.
 - femoral artery deterioration.
- 421.** According to the passage, angioplasty is defined as
- a tiny balloon.
 - a plaque-laden artery.
 - blood vessel repair.
 - bypass surgery.
- 422.** It can be inferred from the passage that *invasive* most closely means
- entering the body cavity.
 - causing infection.
 - resulting in hospitalization.
 - requiring a specialist's opinion.

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- 423.** The angioplasty procedure begins with
- a thin catheter being inserted into the femoral artery.
 - a balloon being inflated in the heart.
 - a special dye being injected into the bloodstream.
 - a healthy artery being removed from the calf.
- 424.** It can be inferred from the passage that
- a healthy artery is removed and awaits possible bypass surgery.
 - patients have trouble accepting the idea that a tiny balloon will cure the problem.
 - 3–5% of the patients refuse to undergo this procedure.
 - surgeons do not take even a 2% chance of death lightly.
- 425.** Which one of the following statements is true?
- The plaque that has caused the problem is not removed during angioplasty.
 - The risk of dying during an angioplasty procedure is 3–5%.
 - The coronary balloon angioplasty is a separate procedure from inflating a balloon into a blocked artery.
 - All of the above statements are true.

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The next passages are typical of those you might find in textbooks. The paragraphs are numbered for convenience.

(1) For centuries, time was measured by the position of the sun with the use of sundials. Noon was recognized when the sun was the highest in the sky, and cities would set their clock by this apparent solar time, even though some cities would often be on a slightly different time. Daylight Saving Time (DST), sometimes called summer time, was instituted to make better use of daylight. Thus, clocks are set forward one hour in the spring to move an hour of daylight from the morning to the evening and then set back one hour in the fall to return to normal daylight.

(2) Benjamin Franklin first conceived the idea of daylight saving during his tenure as an American delegate in Paris in 1784 and wrote about it extensively in his essay, “An Economical Project.” It is said that Franklin awoke early one morning and was surprised to see the sunlight at such an hour. Always the economist, Franklin believed the practice of moving the time could save on the use of candlelight, as candles were expensive at the time.

(3) In England, builder William Willett (1857–1915) became a strong supporter for Daylight Saving Time upon noticing blinds of many houses were closed on an early sunny morning. Willett believed everyone, including himself, would appreciate longer hours of light in the evenings. In 1909, Sir Robert Pearce introduced a bill in the House of Commons to make it obligatory to adjust the clocks. A bill was drafted and introduced into Parliament several times but met with great opposition, mostly from farmers. Eventually, in 1925, it was decided that summer time should begin on the day following the third Saturday in April and close after the first Saturday in October.

(4) The U.S. Congress passed the Standard Time Act of 1918 to establish standard time and preserve and set Daylight Saving Time across the continent. This act also devised five time zones throughout the United States: Eastern, Central, Mountain, Pacific, and Alaska. The first time zone was set on “the mean astronomical time of the seventy-fifth degree of longitude west from Greenwich” (England). In 1919, this act was repealed.

(5) President Roosevelt established year-round Daylight Saving Time (also called War Time) from 1942–1945. However, after

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this period, each state adopted its own DST, which proved to be disconcerting to television and radio broadcasting and transportation. In 1966, President Lyndon Johnson created the Department of Transportation and signed the Uniform Time Act. As a result, the Department of Transportation was given the responsibility for the time laws. During the oil embargo and energy crisis of the 1970s, President Richard Nixon extended DST through the Daylight Saving Time Energy Act of 1973 to conserve energy further. This law was modified in 1986, and Daylight Saving Time was reset to begin on the first Sunday in April (to spring ahead) and end on the last Sunday in October (to fall back).

- 426.** As it is used in paragraph 3, the word *obligatory* most nearly means
- approved.
 - sparse.
 - aberrant.
 - requisite.
- 427.** Who first established the idea of DST?
- President Richard Nixon
 - Benjamin Franklin
 - Sir Robert Pearce
 - President Lyndon Johnson
- 428.** Who opposed the bill that was introduced in the House of Commons in the early 1900s?
- Sir Robert Pearce
 - farmers
 - television and radio broadcasting companies
 - the U.S. Congress
- 429.** Which of the following statements is true of the U.S. Department of Transportation?
- It was created by President Richard Nixon.
 - It set standards for DST throughout the world.
 - It constructed the Uniform Time Act.
 - It oversees all time laws in the United States.

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- 430.** Which of the following would be the best title for this passage?
- a. The History and Rationale of Daylight Saving Time
 - b. Lyndon Johnson and the Uniform Time Act
 - c. The U.S. Department of Transportation and Daylight Saving Time
 - d. Daylight Saving Time in the United States
- 431.** The Daylight Saving Time Energy Act of 1973 was responsible for
- a. preserving and setting Daylight Saving Time across the continent.
 - b. instituting five time zones in the United States.
 - c. extending Daylight Saving Time in the interest of energy conservation.
 - d. conserving energy by giving the Department of Transportation authority over time laws.

(1) Milton Hershey was born near the small village of Derry Church, Pennsylvania, in 1857. It was a _____ beginning that did not foretell his later popularity. Milton only attended school through the fourth grade; at that point, he was apprenticed to a printer in a nearby town. Fortunately for all chocolate lovers, Milton did not excel as a printer. After a while, he left the printing business and was apprenticed to a Lancaster, Pennsylvania candy maker. It was apparent he had found his calling in life, and at the age of eighteen, he opened his own candy store in Philadelphia. In spite of his talents as a candy maker, the shop failed after six years.

(2) It may come as a surprise to current Milton Hershey fans, but his first candy success came with the manufacture of caramel. After the failure of his Philadelphia store, Milton headed for Denver, where he learned the art of making caramels. There he took a job with a local manufacturer who insisted on using fresh milk in making his caramels; Milton saw that this made the caramels especially tasty. After a time in Denver, Milton once again attempted to open his own candy-making businesses, in Chicago, New Orleans, and New York City. Finally, in 1886, he went to Lancaster, Pennsylvania, where he raised the money necessary to try again. This company—the Lancaster Caramel Company—established Milton’s reputation as a master candy maker.

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(3) In 1893, Milton attended the Chicago International Exposition, where he saw a display of German chocolate-making implements. Captivated by the equipment, he purchased it for his Lancaster candy factory and began producing chocolate, which he used for coating his caramels. By the next year, production had grown to include cocoa, sweet chocolate, and baking chocolate. The Hershey Chocolate company was born in 1894 as a subsidiary of the Lancaster Caramel Company. Six years later, Milton sold the caramel company, but retained the rights, and the equipment, to make chocolate. He believed that a large market of chocolate consumers was waiting for someone to produce reasonably priced candy. He was right.

(4) Milton Hershey returned to the village where he had been born, in the heart of dairy country, and opened his chocolate manufacturing plant. With access to all the fresh milk he needed, he began producing the finest milk chocolate. The plant that opened in a small Pennsylvania village in 1905 is today the largest chocolate factory in the world. The confections created at this facility are favorites around the world.

(5) The area where the factory is located is now known as Hershey, Pennsylvania. Within the first decades of its existence, the town of Hershey thrived, as did the chocolate business. A bank, a school, churches, a department store, even a park and a trolley system all appeared in short order; the town soon even had a zoo. Today, a visit to the area reveals the Hershey Medical Center, Milton Hershey School, and Hershey's Chocolate World—a theme park where visitors are greeted by a giant Reeses Peanut Butter Cup. All of these things—and a huge number of happy chocolate lovers—were made possible because a caramel maker visited the Chicago Exposition of 1893!

- 432.** According to information contained in the passage, the reader can infer which of the following?
- a. Chocolate is popular in every country in the world.
 - b. Reeses Peanut Butter Cups are manufactured by the Hershey Chocolate Company.
 - c. Chocolate had never been manufactured in the United States before Milton Hershey did it.
 - d. The Hershey Chocolate Company now makes more money from Hershey's Chocolate World than from the manufacture and sale of chocolate.

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- 433.** Which of the following best defines the word subsidiary as used in paragraph 3?
- a. a company owned entirely by one person
 - b. a company founded to support another company
 - c. a company that is not incorporated
 - d. a company controlled by another company
- 434.** The writer's main purpose in this passage is to
- a. recount the founding of the Hershey Chocolate Company.
 - b. describe the process of manufacturing chocolate.
 - c. compare the popularity of chocolate to other candies.
 - d. explain how apprenticeships work.
- 435.** According to the passage, Milton Hershey sold his caramel company in
- a. 1894.
 - b. 1900.
 - c. 1904.
 - d. 1905.
- 436.** The mention of the Chicago International Exposition of 1893 in the passage indicates that
- a. the exposition in Chicago is held once every three years.
 - b. the theme of the exposition of 1893 was "Food from Around the World."
 - c. the exposition contained displays from a variety of countries.
 - d. the site of the exposition is now a branch of the Hershey Chocolate Company.
- 437.** Which of the following words best fits in the blank in paragraph 1 of the passage?
- a. dramatic
 - b. modest
 - c. undignified
 - d. rewarding

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(1) By using tiny probes as neural prostheses, scientists may be able to restore nerve function in quadriplegics and make the blind see or the deaf hear. Thanks to advanced techniques, a single, small, implanted probe can stimulate individual neurons electrically or chemically and then record responses. Preliminary results suggest that the microprobe telemetry systems can be permanently implanted and replace damaged or missing nerves.

(2) The tissue-compatible microprobes represent an advance over the typical aluminum wire electrodes used in studies of the cortex and other brain structures. Researchers accumulate much data using traditional electrodes, but there is a question of how much damage they cause to the nervous system. Microprobes, which are about as thin as a human hair, cause minimal damage and disruption of neurons when inserted into the brain.

(3) In addition to recording nervous-system impulses, the microprobes have minuscule channels that open the way for delivery of drugs, cellular growth factors, neurotransmitters, and other neuroactive compounds to a single neuron or to groups of neurons. Also, patients who lack certain biochemicals could receive doses via prostheses. The probes can have up to four channels, each with its own recording/stimulating electrode.

- 438.** One similar feature of microprobes and wire electrodes is
- a minimal disturbance of neurons.
 - the density of the material.
 - the capacity for multiple leads.
 - their ability to generate information.
- 439.** Which of the following best expresses the main idea of the passage?
- Microprobes require further technological advances before they can be used in humans.
 - Wire electrodes are antiquated as a means for delivering neuroactive compounds to the brain.
 - Microprobes have great potential to help counteract neural damage.
 - Technology now exists that may enable repair of the nervous system.

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- 440.** All of the following are mentioned in the passage as potential uses for prostheses except
- a. transportation of medication.
 - b. induction of physical movement.
 - c. transportation of growth factor.
 - d. removal of biochemicals from the cortex.
- 441.** The initial function of microprobe channels is to
- a. create pathways.
 - b. disrupt neurons.
 - c. replace ribbon cables.
 - d. study the brain.

(1) Medical waste has been a growing concern because of recent incidents of public exposure to discarded blood vials, needles (sharps), empty prescription bottles, and syringes. Medical waste can typically include general refuse, human blood and blood products, cultures and stocks of infectious agents, laboratory animal carcasses, contaminated bedding material, and pathological wastes.

(2) Wastes are generally collected by gravity chutes, carts, or pneumatic tubes, each of which has its own advantages and disadvantages. Chutes are limited to vertical transport, and there is some risk of exhausting contaminants into hallways if a door is left open during use. Another disadvantage of gravity chutes is that the waste container may get jammed while dropping, or it may be broken upon hitting the bottom. Carts are primarily for horizontal transport of bagged or containerized wastes. The main risk here is that bags may be broken or torn during transport, potentially exposing the worker to the wastes. Using automated carts can reduce the potential for exposure. Pneumatic tubes offer the best performance for waste transport in a large facility. Advantages include high-speed movement, movement in any direction, and minimal intermediate storage of untreated wastes. However, some objects cannot be conveyed pneumatically.

(3) Off-site disposal of regulated medical wastes remains a viable option for smaller hospitals (those with less than 150 beds). Some preliminary on-site processing, such as compaction or hydropulping, may

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be necessary prior to sending the waste off site. Compaction reduces the total volume of solid wastes, often reducing transportation and disposal costs, but it does not change the hazardous characteristics of the waste. Compaction may not be economical if transportation and disposal costs are based on weight rather than volume.

(4) Hydropulping involves grinding the waste in the presence of an oxidizing fluid, such as hypochlorite solution. The liquid is separated from the pulp and discharged directly into the sewer unless local limits require additional pretreatment prior to discharge. The pulp can often be disposed of at a landfill. One advantage is that waste can be rendered innocuous and reduced in size within the same system. Disadvantages are the added operating burden, difficulty of controlling fugitive emissions, and the difficulty of conducting microbiological tests to determine whether all organic matters and infectious organisms have been destroyed from the waste.

(5) On-site disposal is a feasible alternative for hospitals generating two tons or more per day of total solid waste. Common treatment techniques include steam sterilization and incineration. Although other options are available, incineration is currently the preferred method for on-site treatment of hospital waste.

(6) Steam sterilization is limited in the types of medical waste it can treat, but is appropriate for laboratory cultures and/or substances contaminated with infectious organisms. The waste is subjected to steam in a sealed, pressurized chamber. The liquid that may form is drained off to the sewer or sent for processing. The unit is then reopened after a vapor release to the atmosphere, and the solid waste is removed for further processing or disposal. One advantage of steam sterilization is that it has been used for many years in hospitals to sterilize instruments and containers and to treat small quantities of waste. However, since sterilization does not change the appearance of the waste, there could be a problem in gaining acceptance of the waste for landfilling.

(7) A properly designed, maintained, and operated incinerator achieves a relatively high level of organism destruction. Incineration reduces the weight and volume of the waste as much as 95% and is especially appropriate for pathological wastes and sharps. The most common incineration system for medical waste is the controlled-air type. The principal advantage of this type of incinerator is low particulate emissions. Rotary-kiln and grate-type units have been used,

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but use of grate-type units has been discontinued because of high air emissions. The rotary kiln also puts out high emissions, and the costs have been prohibitive for smaller units.

- 442.** Which of the following organizational schemes is most prevalent in the passage?
- chronological order
 - comparison-contrast
 - order by topic
 - hierarchical order
- 443.** One disadvantage of the compaction method of waste disposal is that it
- cannot reduce transportation costs.
 - reduces the volume of solid waste material.
 - does not allow hospitals to confirm that organic matter has been eliminated.
 - does not reduce the weight of solid waste material.
- 444.** For hospitals that dispose of waste on their own premises, the optimum treatment method is
- incineration.
 - compaction.
 - sterilization.
 - hydropulping.
- 445.** According to the passage, which of the following could be safely disposed of in a landfill but might not be accepted by landfill facilities?
- hydropulped material
 - sterilized waste
 - incinerated waste
 - laboratory cultures
- 446.** The two processes mentioned in the passage that involve the formation of liquid are
- compaction and hydropulping.
 - incineration and compaction.
 - hydropulping and sterilization.
 - sterilization and incineration.

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- 447.** According to the passage, two effective methods for treating waste caused by infectious matter are
- steam sterilization and incineration.
 - hydropulping and steam sterilization.
 - incineration and compaction.
 - hydropulping and incineration.
- 448.** Hospitals can minimize employee contact with dangerous waste by switching from
- a manual cart to a gravity chute.
 - an automated cart to a hydropulping machine.
 - a gravity chute to a manual cart.
 - a manual cart to an automated cart.
- 449.** The process that transforms waste from hazardous to harmless *and* diminishes waste volume is
- sterilization.
 - hydropulping.
 - oxidizing.
 - compacting.
- 450.** The underlined word *exhausting*, as it is used in the second paragraph of the passage, most nearly means
- debilitating.
 - disregarding.
 - detonating.
 - discharging.
- 451.** Budgetary constraints have precluded some small hospitals from purchasing
- pneumatic tubes.
 - rotary kilns.
 - sterilization equipment.
 - controlled-air kilns.

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- 452.** The underlined phrase *fugitive emissions* in the fourth paragraph most nearly means
- a. contaminants that are extremely toxic.
 - b. contaminants that are illegally discharged.
 - c. contaminants that escape the disposal process.
 - d. contaminants that come from micro-biological testing.

Isolate the unfamiliar words as you read, by underlining them or jotting them down. Then go back and look at the sentences before and after them—that is, in their immediate context.

(1) The worst and longest economic crisis in the modern industrial world, the Great Depression in the United States had devastating consequences for American society. At its lowest depth (1932–33), more than 16 million people were unemployed, more than 5,000 banks had closed, and over 85,000 businesses had failed. Millions of Americans lost their jobs, their savings, and even their homes. The homeless built shacks for temporary shelter—these emerging shantytowns were nicknamed Hoovervilles; a bitter homage to President Herbert Hoover, who refused to give government assistance to the jobless. The effects of the Depression—severe unemployment rates and a sharp drop in the production and sales of goods—could also be felt abroad, where many European nations still struggled to recover from World War I.

(2) Although the stock market crash of 1929 marked the onset of the depression, it was not the *cause* of it: Deep, underlying fissures already existed in the economy of the Roaring Twenties. For example, the tariff and war-debt policies after World War I contributed to the instability of the banking system. American banks made loans to European countries following World War I. However, the United States kept high tariffs on goods imported from other nations. These policies worked against one another. If other countries could not sell goods in the United States, they could not make enough money to pay back their loans or to buy American goods.

(3) And while the United States seemed to be enjoying a prosperous period in the 1920s, the wealth was not evenly distributed. Businesses made gains in productivity, but only one segment of the population—the wealthy—reaped large profits. Workers received

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only a small share of the wealth they helped produce. At the same time, Americans spent more than they earned. Advertising encouraged Americans to buy cars, radios, and household appliances instead of saving or purchasing only what they could afford. Easy credit policies allowed consumers to borrow money and accumulate debt. Investors also wildly speculated on the stock market, often borrowing money on credit to buy shares of a company. Stocks increased beyond their worth, but investors were willing to pay inflated prices because they believed stocks would continue to rise. This bubble burst in the fall of 1929, when investors lost confidence that stock prices would keep rising. As investors sold off stocks, the market spiraled downward. The stock market crash affected the economy in the same way that a stressful event can affect the human body, lowering its resistance to infection.

(4) The ensuing depression led to the election of President Franklin D. Roosevelt in 1932. Roosevelt introduced relief measures that would revive the economy and bring needed relief to Americans suffering the effects of the depression. In his 100 days in office, Roosevelt and Congress passed major legislation that saved banks from closing and regained public confidence. These measures, called the New Deal, included the Agricultural Adjustment Act, which paid farmers to slow their production in order to stabilize food prices; the Federal Deposit Insurance Corporation, which insured bank deposits if banks failed; and the Securities and Exchange Commission, which regulated the stock market. Although the New Deal offered relief, it did not end the Depression. The economy sagged until the nation entered World War II. However, the New Deal changed the relationship between government and American citizens, by expanding the role of the central government in regulating the economy and creating social assistance programs.

- 453.** The author's main point about the Great Depression is that
- government policies had nothing to do with it.
 - the government immediately stepped in with assistance for the jobless and homeless.
 - underlying problems in the economy preceded it.
 - the New Deal policies introduced by Franklin D. Roosevelt ended it.

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- 454.** This passage is best described as
- an account of the causes and effects of a major event.
 - a statement supporting the value of federal social policies.
 - a condemnation of outdated beliefs.
 - a polite response to controversial issues.
- 455.** The author cites the emergence of Hoovervilles in paragraph 1 as an example of
- federally sponsored housing programs.
 - the resilience of Americans who lost their jobs, savings, and homes.
 - the government's unwillingness to assist citizens in desperate circumstances.
 - the effectiveness of the Hoover administration in dealing with the crisis.
- 456.** The term *policies*, as it is used in paragraph 2, most nearly means
- theories.
 - practices.
 - laws.
 - examples.
- 457.** The passage suggests that the 1920s was a decade that extolled the value of
- thrift.
 - prudence.
 - balance.
 - extravagance.
- 458.** The example of the human body as a metaphor for the economy, which is found at the end of paragraph 3, suggests that
- a stressful event like the stock market crash of 1929 probably made a lot of people sick.
 - the crash weakened the economy's ability to withstand other pressures.
 - the crash was an untreatable disease.
 - a single event caused the collapse of the economy.

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- 459.** The content in the last paragraph of the passage would most likely support which of the following statements?
- a. The New Deal policies were not radical enough in challenging capitalism.
 - b. The economic policies of the New Deal brought about a complete business recovery.
 - c. The Agricultural Adjustment Act paid farmers to produce surplus crops.
 - d. The federal government became more involved in caring for needy members of society.

(1) The atmosphere forms a gaseous, protective envelope around Earth. It protects the planet from the cold of space, from harmful ultraviolet light, and from all but the largest meteors. After traveling over 93 million miles, solar energy strikes the atmosphere and Earth's surface, warming the planet and creating what is known as the biosphere, the region of Earth capable of sustaining life. Solar radiation in combination with the planet's rotation causes the atmosphere to circulate. Atmospheric circulation is one important reason that life on Earth can exist at higher latitudes because equatorial heat is transported poleward, moderating the climate.

(2) The equatorial region is the warmest part of the earth because it receives the most direct and, therefore, strongest solar radiation. The plane in which the earth revolves around the sun is called the *ecliptic*. Earth's axis is inclined $23\frac{1}{3}$ degrees with respect to the ecliptic. This inclined axis is responsible for our changing seasons because, as seen from the earth, the sun oscillates back and forth across the equator in an annual cycle. On or about June 21 each year, the sun reaches the Tropic of Cancer, $23\frac{1}{3}$ degrees north latitude. This is the northernmost point where the sun can be directly overhead. On or about December 21 of each year, the sun reaches the Tropic of Capricorn, $23\frac{1}{3}$ degrees south latitude. This is the southernmost point at which the sun can be directly overhead. The polar regions are the coldest parts of the earth because they receive the least direct and, therefore, the weakest solar radiation. Here solar radiation strikes at a very oblique angle and thus spreads the same amount of energy over a greater area than in the equatorial regions. A static envelope

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of air surrounding the earth would produce an extremely hot, uninhabitable equatorial region, while the polar regions would remain inhospitably cold.

(3) The transport of water vapor in the atmosphere is an important mechanism by which heat energy is redistributed poleward. When water evaporates into the air and becomes water vapor, it absorbs energy. At the equator, air saturated with water vapor rises high into the atmosphere where winds aloft carry it poleward. As this moist air approaches the polar regions, it cools and sinks back to earth. At some point, the water vapor condenses out of the air as rain or snow, releasing energy in the process. The now-dry polar air flows back toward the equator to repeat the convection cycle. In this way, heat energy absorbed at the equator is deposited at the poles and the temperature gradient between these regions is reduced.

(4) The circulation of the atmosphere and the weather it generates is but one example of the many complex, interdependent events of nature. The web of life depends on the proper functioning of these natural mechanisms for its continued existence. Global warming, the hole in the atmosphere's ozone layer, and increasing air and water pollution pose serious, long-term threats to the biosphere. Given the high degree of nature's interconnectedness, it is quite possible that the most serious threats have yet to be recognized.

- 460.** Which of the following best expresses the main idea of the passage?
- a. The circulation of atmosphere, threatened by global warming and pollution, protects the biosphere and makes life on Earth possible.
 - b. If the protective atmosphere around the earth is too damaged by human activity, all life on Earth will cease.
 - c. Life on Earth is the result of complex interdependent events of nature, and some of these events are a result of human intervention.
 - d. The circulation of atmosphere is the single most important factor in keeping the biosphere alive, and it is constantly threatened by harmful human activity.

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- 461.** Which of the following best represents the organization of the passage?
- a. I. Definition and description of the circulation of the atmosphere
 - II. How the atmosphere affects heat and water in the biosphere
 - III. How the circulation of the atmosphere works
 - IV. What will happen if human activity destroys the atmosphere and other life-sustaining mechanisms
 - b. I. Origin of the atmosphere and ways it protects the biosphere
 - II. How the circulation of the atmosphere affects the equator and the poles
 - III. How the circulation of the atmosphere interrelates with other events in nature to protect life on Earth
 - IV. Threats to life in the biosphere
 - c. I. Definition and description of the circulation of the atmosphere
 - II. Protective functions of the circulation of the atmosphere
 - III. Relationship of the circulation of the atmosphere to other life-sustaining mechanisms
 - IV. Threats to nature's interconnectedness in the biosphere
 - d. I. The journey of the atmosphere 93 million miles through space.
 - II. How the atmosphere circulates and protects the biosphere
 - III. How the atmosphere interrelates with weather in the biosphere
 - IV. How damage to the biosphere threatens life on Earth
- 462.** Which of the following is the best definition of the underlined word *biosphere* as it is used in the passage?
- a. the protective envelope formed by the atmosphere around the living earth
 - b. that part of the earth and its atmosphere in which life can exist
 - c. the living things on Earth whose existence is made possible by circulation of the atmosphere
 - d. the circulation of the atmosphere's contribution to life on Earth

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- 463.** Which of the following sentences from the passage best supports the author's point that circulation of the atmosphere is vital to life on Earth?
- a. The equatorial region is the warmest part of the earth because it receives the most direct and, therefore, strongest solar radiation.
 - b. The circulation of the atmosphere and the weather it generates is but one example of the many complex, interdependent events of nature.
 - c. [The atmosphere] protects Earth from the cold of space, from harmful ultraviolet light, and from all but the largest meteors.
 - d. A static envelope of air surrounding the earth would produce an extremely hot, uninhabitable equatorial region, while the polar regions would remain inhospitably cold.
- 464.** Based on the passage, which of the following is directly responsible for all temperature changes on Earth?
- a. variations in the strength of solar radiation
 - b. variations in the amount of ultraviolet light
 - c. variation of biologic processes in the biosphere
 - d. variation in global warming
- 465.** The first paragraph of the passage deals mainly with which of the following effects of the atmosphere on the earth?
- a. its sheltering effect
 - b. its reviving effect
 - c. its invigorating effect
 - d. its cleansing effect

(1) There are two types of diabetes, *insulin-dependent* and *non-insulin-dependent*. Between 90–95% of the estimated 13–14 million people in the United States with diabetes have non-insulin-dependent, or Type II, diabetes. Because this form of diabetes usually begins in adults over the age of 40 and is most common after the age of 55, it used to be called adult-onset diabetes. Its symptoms often develop gradually and are hard to identify at first; therefore, nearly half of all people with diabetes do not know they have it. For instance, someone who has developed Type II diabetes may feel tired or ill without knowing why. This can be particularly dangerous because untreated

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diabetes can cause damage to the heart, blood vessels, eyes, kidneys, and nerves. While the causes, short-term effects, and treatments of the two types of diabetes differ, both types can cause the same long-term health problems.

(2) Most importantly, both types affect the body's ability to use digested food for energy. Diabetes does not interfere with digestion, but it does prevent the body from using an important product of digestion, *glucose* (commonly known as sugar), for energy. After a meal, the normal digestive system breaks some food down into glucose. The blood carries the glucose or sugar throughout the body, causing blood glucose levels to rise. In response to this rise, the hormone insulin is released into the bloodstream and signals the body tissues to metabolize or burn the glucose for fuel, which causes blood glucose levels to return to normal. The glucose that the body does not use right away is stored in the liver, muscle, or fat.

(3) In both types of diabetes, however, this normal process malfunctions. A gland called the *pancreas*, found just behind the stomach, makes *insulin*. In people with insulin-dependent diabetes, the pancreas does not produce insulin at all. This condition usually begins in childhood and is known as Type I (formerly called juvenile-onset) diabetes. These patients must have daily insulin injections to survive. People with non-insulin-dependent diabetes usually produce some insulin in their pancreas, but their bodies' tissues do not respond well to the insulin signal and, therefore, do not metabolize the glucose properly, a condition known as insulin resistance.

(4) Insulin resistance is an important factor in non-insulin-dependent diabetes, and scientists are searching for the causes of insulin resistance. They have identified two possibilities. The first is that there could be a defect in the insulin receptors on cells. Like an appliance that needs to be plugged into an electrical outlet, insulin has to bind to a receptor in order to function. Several things can go wrong with receptors. For example, there may not be enough receptors to which insulin may bind, or a defect in the receptors may prevent insulin from binding. The second possible cause of insulin resistance is that, although insulin may bind to the receptors, the cells do not read the signal to metabolize the glucose. Scientists continue to study these cells to see why this might happen.

(5) There's no cure for diabetes yet. However, there are ways to alleviate its symptoms. In 1986, a National Institute of Health panel

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of experts recommended that the best treatment for non-insulin-dependent diabetes is a diet that helps one maintain a normal weight and pays particular attention to a proper balance of the different food groups. Many experts, including those in the American Diabetes Association, recommend that 50–60% of daily calories come from carbohydrates, 12–20% from protein, and no more than 30% from fat. Foods that are rich in carbohydrates, like breads, cereals, fruits, and vegetables, break down into glucose during digestion, causing blood glucose to rise. Additionally, studies have shown that cooked foods raise blood glucose higher than raw, unpeeled foods. A doctor or nutritionist should always be consulted for more of this kind of information and for help in planning a diet to offset the effects of this form of diabetes.

- 466.** According to the passage, what may be the most dangerous aspect of Type II diabetes?
- Insulin shots are needed daily for treatment of Type II diabetes.
 - Type II diabetes may go undetected and, therefore, untreated.
 - In Type II diabetes, the pancreas does not produce insulin.
 - Type II diabetes interferes with digestion.
- 467.** Which of the following are the same for Type I and Type II diabetes?
- treatments
 - long-term health risks
 - short-term effects
 - causes
- 468.** According to the passage, one place in which excess glucose is stored is the
- stomach.
 - insulin receptors.
 - pancreas.
 - liver.
- 469.** A diet dominated by which of the following is recommended for non-insulin-dependent diabetics?
- protein
 - fat
 - carbohydrates
 - raw foods

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- 470.** Which of the following is the main function of insulin?
- It signals tissues to metabolize sugar.
 - It breaks down food into glucose.
 - It carries glucose throughout the body.
 - It binds to receptors.
- 471.** Which of the following statements best summarizes the main theme of the passage?
- Type I and Type II diabetes are best treated by maintaining a high-protein diet.
 - Type II diabetes is a distinct condition that can be managed by maintaining a healthy diet.
 - Type I diabetes is an insidious condition most harmful when the patient is not taking daily insulin injections.
 - Adults who suspect they may have Type II diabetes should immediately adopt a high-carbohydrate diet.
- 472.** Which of the following is mentioned in the passage as a possible problem with insulin receptors in insulin-resistant individuals?
- Overeating causes the receptors to function improperly.
 - There may be an overabundance of receptors present.
 - A defect causes the receptors to bind with glucose.
 - A defect hinders the receptors from binding with insulin.
- 473.** According to the passage, in normal individuals, which of the following processes occur immediately after the digestive system converts some food into glucose?
- The glucose is metabolized by body tissues.
 - Insulin is released into the bloodstream.
 - Blood sugar levels rise.
 - The pancreas manufactures increased amounts of insulin.
- 474.** Based on the information in the passage, which of the following best describes people with Type I diabetes?
- They do not need to be treated with injections of insulin.
 - They comprise the majority of people with diabetes.
 - Their pancreases do not produce insulin.
 - They are usually diagnosed as adults.

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- 475.** What is the closest meaning of the underlined word *offset* in the final sentence of the passage?
- a. counteract
 - b. cure
 - c. soothe
 - d. erase

(1) The immune system is equal in complexity to the combined intricacies of the brain and nervous system. The success of the immune system in defending the body relies on a dynamic regulatory communications network consisting of millions and millions of cells. Organized into sets and subsets, these cells pass information back and forth like clouds of bees swarming around a hive. The result is a sensitive system of checks and balances that produces an immune response that is prompt, appropriate, effective, and self-limiting.

(2) At the heart of the immune system is the ability to distinguish between self and non-self. When immune defenders encounter cells or organisms carrying foreign or non-self molecules, the immune troops move quickly to eliminate the intruders. Virtually every body cell carries distinctive molecules that identify it as self. The body's immune defenses do not normally attack tissues that carry a self-marker. Rather, immune cells and other body cells coexist peaceably in a state known as *self-tolerance*. When a normally functioning immune system attacks a non-self molecule, the system has the ability to remember the specifics of the foreign body. Upon subsequent encounters with the same species of molecules, the immune system reacts accordingly. With the possible exception of antibodies passed during lactation, this so-called immune system memory is not inherited. Despite the occurrence of a virus in your family, your immune system must learn from experience with the many millions of distinctive non-self molecules in the sea of microbes in which we live. Learning entails producing the appropriate molecules and cells to match up with and counteract each non-self invader.

(3) Any substance capable of triggering an immune response is called an *antigen*. Antigens are not to be confused with *allergens*, which are most often harmless substances (such as ragweed pollen or cat hair) that provoke the immune system to set off the inappropriate and harmful response known as *allergy*. An antigen can be a virus, a

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bacterium, a fungus, a parasite, or even a portion or product of one of these organisms. Tissues or cells from another individual (except an identical twin, whose cells carry identical self-markers) also act as antigens; because the immune system recognizes transplanted tissues as foreign, it rejects them. The body will even reject nourishing proteins unless they are first broken down by the digestive system into their primary, non-antigenic building blocks. An antigen announces its foreignness by means of intricate and characteristic shapes called *epitopes*, which protrude from its surface. Most antigens, even the simplest microbes, carry several different kinds of epitopes on their surface; some may even carry several hundred. Some epitopes will be more effective than others at stimulating an immune response. Only in abnormal situations does the immune system wrongly identify self as non-self and execute a misdirected immune attack. The result can be a so-called autoimmune disease such as rheumatoid arthritis or systemic lupus erythematosus. The painful side effects of these diseases are caused by a person's immune system actually attacking itself.

- 476.** What is the analogy used to describe the communications network among the cells in the immune system?
- the immune system's memory
 - immune troops eliminating intruders
 - bees swarming around a hive
 - a sea of microbes
- 477.** The immune cells and other cells in the body coexist peaceably in a state known as
- equilibrium.
 - self-tolerance.
 - harmony.
 - tolerance.
- 478.** What is the specific term for the substance capable of triggering an inappropriate or harmful immune response to a harmless substance such as ragweed pollen?
- antigen
 - microbe
 - allergen
 - autoimmune disease

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- 479.** How do the cells in the immune system recognize an antigen as foreign or non-self?
- through an allergic response
 - through blood type
 - through fine hairs protruding from the antigen surface
 - through characteristic shapes on the antigen surface
- 480.** After you have had the chicken pox, your immune system will be able to do all of the following EXCEPT
- prevent your offspring from infection by the chicken pox virus.
 - distinguish between your body cells and that of the chicken pox virus.
 - remember previous experiences with the chicken pox virus.
 - match up and counteract non-self molecules in the form of the chicken pox virus.
- 481.** Which of the following best expresses the main idea of this passage?
- An antigen is any substance that triggers an immune response.
 - The basic function of the immune system is to distinguish between self and non-self.
 - One of the immune system's primary functions is the allergic response.
 - The human body presents an opportune habitat for microbes.
- 482.** Why would tissue transplanted from father to daughter have a greater risk of being detected as foreign than a tissue transplanted between identical twins?
- The age of the twins' tissue would be the same and, therefore, less likely to be rejected.
 - The identical twin's tissue would carry the same self-markers and would, therefore, be less likely to be rejected.
 - The difference in the sex of the father and daughter would cause the tissue to be rejected by the daughter's immune system.
 - The twins' immune systems would remember the same encounters with childhood illnesses.

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- 483.** What is the meaning of the underlined word *intricacies* as it is used in the first sentence of the passage?
- a. elaborate interconnections
 - b. confusion of pathways
 - c. inherent perplexity
 - d. comprehensive coverage

(1) An upsurge of new research suggests that animals have a much higher level of brainpower than previously thought. If animals do have intelligence, how do scientists measure it? Before defining animals' intelligence, scientists defined what is not intelligence. *Instinct* is not intelligence. It is a skill programmed into an animal's brain by its genetic heritage. Rote conditioning is also not intelligence. Tricks can be learned by repetition, but no real thinking is involved. *Cuing*, in which animals learn to do or not to do certain things by following outside signals, does not demonstrate intelligence. Scientists believe that insight, the ability to use tools, and communication using human language are all effective measures of the mental ability of animals.

(2) When judging animal intelligence, scientists look for insight, which they define as a flash of sudden understanding. When a young gorilla could not reach fruit from a tree, she noticed crates scattered about the lawn near the tree. She piled the crates into a pyramid, then climbed on them to reach her reward. The gorilla's insight allowed her to solve a new problem without trial and error.

(3) The ability to use tools is also an important sign of intelligence. Crows use sticks to pry peanuts out of cracks. The crow exhibits intelligence by showing it has learned what a stick can do. Likewise, otters use rocks to crack open crab shells in order to get at the meat. In a series of complex moves, chimpanzees have been known to use sticks and stalks in order to get at a favorite snack—termites. To make and use a termite tool, a chimp first selects just the right stalk or twig. He trims and shapes the stick, then finds the entrance to a termite mound. While inserting the stick carefully into the entrance, the chimpanzee turns it skillfully to fit the inner tunnels. The chimp attracts the insects by shaking the twig. Then it pulls the tool out without scraping off any termites. Finally, he uses his lips to skim the termites into his mouth.

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(4) Many animals have learned to communicate using human language. Some primates have learned hundreds of words in sign language. One chimp can recognize and correctly use more than 250 abstract symbols on a keyboard. These symbols represent human words. An amazing parrot can distinguish five objects of two different types. He can understand the difference between the number, color, and kind of object. The ability to classify is a basic thinking skill. He seems to use language to express his needs and emotions. When ill and taken to the animal hospital for his first overnight stay, this parrot turned to go. “Come here!” he cried to a scientist who works with him. “I love you. I’m sorry. Wanna go back?”

(5) The research on animal intelligence raises important questions. If animals are smarter than once thought, would that change the way humans interact with them? Would humans stop hunting them for sport or survival? Would animals still be used for food, clothing, or medical experimentation? Finding the answer to these tough questions makes a difficult puzzle even for a large-brained, problem-solving species like our own.

- 484.** Crows use sticks to pry peanuts out of cracks. Which of the following is the kind of intelligence or conditioning the situation describes?
- a. rote learning
 - b. tools
 - c. communication
 - d. instinct
- 485.** The underlined word *upsurge*, as it is used in the first paragraph of the passage, most nearly means
- a. an increasingly large amount.
 - b. a decreasing amount.
 - c. a well-known amount.
 - d. an immeasurable amount.

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- 486.** The concluding paragraph of this passage infers which of the following?
- a. There is no definitive line between those animals with intelligence and those without.
 - b. Animals are being given opportunities to display their intelligence.
 - c. Research showing higher animal intelligence may fuel debate on ethics and cruelty.
 - d. Animals are capable of untrained thought well beyond mere instinct.
- 487.** According to the passage, which of the following is true about animals communicating through the use of human language?
- a. Parrots can imitate or repeat a sound.
 - b. Dolphins click and whistle.
 - c. Crows screech warnings to other crows.
 - d. Chimpanzees and gorillas have been trained to use sign language or geometric shapes that stand for words.
- 488.** In paragraph 3, what conclusion can be reached about the chimpanzee's ability to use a tool?
- a. It illustrates high intelligence because he is able to get his food and eat it.
 - b. It illustrates instinct because he faced a difficult task and accomplished it.
 - c. It illustrates high intelligence because he stored knowledge away and called it up at the right time.
 - d. It illustrates high intelligence because termites are protein-packed.
- 489.** Which of the following is not a sign of animal intelligence?
- a. shows insight
 - b. cues
 - c. uses tools
 - d. makes a plan

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(1) Photosynthesis is the process that plants use to convert sunlight into the food that they need to survive and grow. Most plants create some form of sugar from the sunlight, and this sugar is used by the plant as its primary food source.

(2) Plants actually need only three things to create this sugar: sunlight, carbon dioxide, and water. The sunlight reacts with the plant's chlorophyll, a green chemical which is used to convert water and carbon dioxide into sugar.

(3) As a general rule, photosynthesis occurs in a plant's leaves. The leaf contains chlorophyll, which reacts when sunlight strikes the leaf. It is also the chlorophyll which gives the leaf its typical green color, since photosynthesis absorbs most light rays except green, which are reflected outwards.

(4) The process of photosynthesis produces more than just sugar, however. One byproduct of the process is oxygen, which is "exhaled" by the plant into the atmosphere. In fact, plant photosynthesis is one of the primary sources of oxygen generation on our planet, making plant life essential to almost all living things on earth.

- 490.** According to paragraph 4, which of the following is a byproduct of photosynthesis?
- a. green pigment
 - b. water
 - c. carbon dioxide
 - d. oxygen
- 491.** The underlined word *essential*, as used in paragraph 4, most nearly means
- a. necessary.
 - b. optional.
 - c. fragrant.
 - d. growing.

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- 492.** The passage explains that photosynthesis is
- done in the plant stem.
 - what makes plants edible.
 - the way that plants feed themselves.
 - the source of carbon dioxide in the atmosphere.
- 493.** According to the passage, why do plant leaves look green?
- Leaves are actually *not* green.
 - Photosynthesis absorbs all colors except green.
 - Sugar is green.
 - Photosynthesis requires green light to produce sugar.
- 494.** After reading the passage, what can you conclude about photosynthesis?
- Chlorophyll is part of the ozone layer.
 - Photosynthesis is the process that feeds a plant.
 - Plants need oxygen to survive.
 - The roots of a plant provide water.
- 495.** After reading the passage, what can you infer about photosynthesis?
- Human life would not survive without plants.
 - Chlorophyll tastes sweet.
 - Sunlight has both good and bad effects on plants.
 - Too much water can interfere with photosynthesis.

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(1) Abraham Lincoln served as the 16th President of the United States, yet he never went to college. In fact, Lincoln had nearly no formal education whatsoever, attending schools for less than a year throughout his childhood. Yet this should not be construed to mean that Lincoln was ignorant or unlearned; on the contrary, he was one of the most well-read leaders of the time. The fact is that Abraham Lincoln educated himself by studying books of religion, philosophy, and literature, and he continued his voracious reading throughout his life.

(2) A lack of public school education did not prevent Lincoln from becoming a great leader. He led the United States through four years of civil war, which threatened to divide the nation into two separate countries. He was a powerful opponent of slavery, and it was largely through his leadership that slavery was abolished in this country.

(3) Lincoln's determination to educate himself through diligent reading also led to his reputation as a great orator—and even today his speeches are quoted and studied worldwide. He serves as an example of a great leader—and a great reader. His love of books and good literature enabled Abe Lincoln to rise to world renown.

- 496.** What is the main idea of this passage?
- a. Abe Lincoln was the 16th President of the United States.
 - b. Abe Lincoln demonstrated the value of reading.
 - c. Abe Lincoln was a Republican.
 - d. Abe Lincoln freed the slaves.
- 497.** Lincoln accomplished all of the following EXCEPT
- a. preventing the United States from being divided.
 - b. ending slavery.
 - c. becoming a great leader.
 - d. establishing the Lincoln Memorial.
- 498.** A *voracious* reader is
- a. likely to become President.
 - b. a person who makes reading a regular habit.
 - c. someone who never went to school.
 - d. probably poor.

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- 499.** The underlined word *construed*, as used in paragraph 1, most nearly means
- a. tormented.
 - b. taken apart.
 - c. unscrewed.
 - d. interpreted.
- 500.** According to the passage, what lesson can be learned from the life of Abraham Lincoln?
- a. Education is not important.
 - b. All books are worth reading.
 - c. Good reading habits can help a person do great things.
 - d. Politicians are always good role models.
- 501.** How does Lincoln still affect students today?
- a. His face is on money.
 - b. His speeches are still quoted and studied today.
 - c. People grow beards to look like him.
 - d. Students quit school in hopes of becoming president.

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