

SECTION IV
Time—35 minutes
25 Questions

Directions: The questions in this section are based on the reasoning contained in brief statements or passages. For some questions, more than one of the choices could conceivably answer the question. However, you are to choose the best answer; that is, the response that most accurately and completely answers the question. You should not make assumptions that are by commonsense standards implausible, superfluous, or incompatible with the passage. After you have chosen the best answer, blacken the corresponding space on your answer sheet.

1. Yuriko: Our city's campaign to persuade parents to have their children vaccinated ought to be imitated by your city. In the 16 months since the enactment of legislation authorizing the campaign, vaccinations in our city have increased by 30 percent.

Susan: But the major part of that increase occurred in the first 6 months after that legislation was enacted, right after your city's free neighborhood health clinics opened, and before the vaccination campaign really got going.

In responding to Yuriko, Susan does which one of the following?

- (A) She denies Yuriko's assumption that Susan's city wants to increase the vaccination rate for children.
- (B) She cites facts that tend to weaken the force of the evidence with which Yuriko supports her recommendation.
- (C) She introduces evidence to show that the campaign Yuriko advocates is only effective for a short period to time.
- (D) She advances the claim that a campaign such as Yuriko recommends is not necessary because most parents already choose to have their children vaccinated.
- (E) She presents evidence to suggest that vaccination campaigns are usually ineffective.

2. The process by which nylon is manufactured releases large amounts of the gas nitrous oxide, which is harmful to the environment. Since the processing of cotton fiber does not release environmentally harmful gases, there would be less environmental damage done if cotton fiber rather than nylon were used to make products such as thread and rope.

Which one of the following, if true, would weaken the argument?

- (A) Even if the quantity of nitrous oxide released into the environment decreased, many environmental problems would remain unsolved.
- (B) Even if only some of the thread and rope that is currently being made from nylon were instead made from cotton fiber, some environmental damage would be avoided.
- (C) If cotton fiber replaced nylon in the production of thread and rope, there would be a resulting increase in the amount of nylon used in other manufactured products.
- (D) If the quantity of nylon manufactured annually decreased substantially, the volume of several pollutants that are released into the environment during its manufacture would be reduced.
- (E) If thread and rope continue to be made from nylon, the production of cotton fiber will not increase as rapidly as it would if all thread and rope were to be made from cotton fiber.

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3. John: It was wrong of you to blame me for that traffic accident. You know full well that the accident was due to my poor vision, and I certainly cannot be held responsible for the fact that my vision has deteriorated.

Michiko: But I can hold you responsible for your hazardous driving, because you know how poor your vision is. People are responsible for the consequences of actions that they voluntarily undertake, if they know that those actions risk such consequences.

The principle that Michiko invokes, if established, would justify which one of the following judgments?

- (A) Colleen was responsible for missing her flight home from Paris, because she decided to take one more trip to the Eiffel Tower even though she knew she might not have sufficient time to get to the airport if she did so.
 - (B) Colleen was responsible for having offended her brother when she reported to him an offensive comment made about his colleague, although she did not know her brother would mistakenly understand the comment to be about himself.
 - (C) Colleen was responsible for her automobile's having been stolen two weeks ago, because she did not take any of the precautions that the town police recommended in the antitheft manual they published last week.
 - (D) Colleen was responsible for her cat's being frightened, because, even though it was her brother who allowed the door to slam shut, she knew that cats are often frightened by loud noises.
 - (E) Colleen was not responsible for losing her job, because, knowing that her position was in danger of being eliminated, she did everything possible to preserve it.
4. Psychiatrist: Take any visceral emotion you care to consider. There are always situations in which it is healthy to try to express that emotion. So, there are always situations in which it is healthy to try to express one's anger.

The conclusion of the argument follows logically if which one of the following is assumed?

- (A) Anger is always expressible.
- (B) Anger is a visceral emotion.
- (C) Some kinds of emotions are unhealthy to express.
- (D) All emotions that are healthy to express are visceral.
- (E) An emotion is visceral only if it is healthy to express.

5. Cigarette companies claim that manufacturing both low-and high-nicotine cigarettes allows smokers to choose how much nicotine they want. However, a recent study has shown that the levels of nicotine found in the blood of smokers who smoke one pack of cigarettes per day are identical at the end of a day's worth of smoking, whatever the level of nicotine in the cigarettes they smoke.

Which one of the following, if true, most helps to explain the finding of the nicotine study?

- (A) Blood cannot absorb more nicotine per day than that found in the smoke from a package of the lowest-nicotine cigarettes available.
 - (B) Smokers of the lowest-nicotine cigarettes available generally smoke more cigarettes per day than smokers of high-nicotine cigarettes.
 - (C) Most nicotine is absorbed into the blood of a smoker even if it is delivered in smaller quantities.
 - (D) The level of tar in cigarettes is higher in low-nicotine cigarettes than it is in some high-nicotine cigarettes.
 - (E) When taking in nicotine by smoking cigarettes is discontinued, the level of nicotine in the blood decreases steadily.
6. Editorial: The premier's economic advisor assures her that with the elimination of wasteful spending the goal of reducing taxes while not significantly decreasing government services can be met. But the premier should not listen to this advisor, who in his youth was convicted of embezzlement. Surely his economic advice is as untrustworthy as he is himself, and so the premier should discard any hope of reducing taxes without a significant decrease in government services.

Which one of the following is a questionable argumentative strategy employed in the editorial's argument?

- (A) rejecting a proposal on the grounds that a particular implementation of the proposal is likely to fail
- (B) trying to win support for a proposal by playing on people's fears of what could happen otherwise
- (C) criticizing the source of a claim rather than examining the claim itself
- (D) taking lack of evidence for a claim as evidence undermining that claim
- (E) presupposing what it sets out to establish

Questions 7–8

Figorian Wildlife Commission: The development of wetlands in industrialized nations for residential and commercial uses has endangered many species. To protect wildlife we must regulate such development in Figoria: future wetland development must be offset by the construction of replacement wetland habitats. Thus, development would cause no net reduction of wetlands and pose no threat to the species that inhabit them.

Figorian Development Commission: Other nations have flagrantly developed wetlands at the expense of wildlife. We have conserved. Since Figorian wetland development might not affect wildlife and is necessary for growth, we should allow development. We have as much right to govern our own resources as countries that have already put their natural resources to commercial use.

7. Which one of the following is an assumption on which the argument advanced by the Figorian Wildlife Commission depends?
 - (A) More species have been endangered by the development of wetlands than have been endangered by any other type of development.
 - (B) The species indigenous to natural wetland habitats will survive in specially constructed replacement wetlands.
 - (C) In nations that are primarily agricultural, wetland development does not need to be regulated.
 - (D) Figorian regulation of development has in the past protected and preserved wildlife.
 - (E) The species that inhabit Figorian wetlands are among the most severely threatened of the designated endangered species.
8. Which one of the following principles, if accepted, would most strongly support the Figorian Development Commission's position against the Figorian Wildlife Commission's position?
 - (A) National resources should be regulated by international agreement when wildlife is endangered.
 - (B) The right of future generations to have wildlife preserved supersedes the economic needs of individual nations.
 - (C) Only when a reduction of populations of endangered species by commercial development has been found should regulation be implemented to prevent further damage.
 - (D) Environment regulation must aim at preventing any further environmental damage and cannot allow for the different degrees to which different nations have already harmed the environment.
 - (E) It is imprudent to allow further depletion of natural resources.

9. High blood cholesterol levels are bad for the heart. Like meat, eggs, and poultry, shellfish contains cholesterol. But shellfish is not necessarily bad for the heart; it is very low in saturated fat, which affects blood cholesterol levels much more than dietary cholesterol does.

Which one of the following, if true, most strengthens the argument?

- (A) Meat and eggs are high in saturated fat.
 - (B) Small quantities of foods high in saturated fat are not bad for the heart
 - (C) Shellfish has less cholesterol per gram than meat, eggs, and poultry do.
 - (D) Foods low in saturated fat promote low blood cholesterol.
 - (E) A serving of meat or poultry is typically larger than a serving of shellfish.
10. Every moral theory developed in the Western tradition purports to tell us what a good life is. However, most people would judge someone who perfectly embodied the ideals of any one of these theories not to be living a good life—the kind of life they would want for themselves and their children.

The statements above, if true, most strongly support which one of the following?

- (A) Most people desire a life for themselves and their children that is better than a merely good life.
- (B) A person who fits the ideals of one moral theory in the Western tradition would not necessarily fit the ideals of another.
- (C) Most people have a conception of a good life that does not match that of any moral theory in the Western tradition.
- (D) A good life as described by moral theories in the Western tradition cannot be realized.
- (E) It is impossible to develop a theory that accurately describes what a good life is.

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11. **Biologist:** Humans have five fingers because we descended from a fish with five phalanges in its fins. Despite our prejudices to the contrary, our configuration of fingers is no more or less useful than several other possible configurations, e.g., six per hand. So, if humans had descended from a fish with six phalanges in its fins and had six fingers on each hand, then we would be just as content with that configuration.

Which one of the following, if true, most strengthens the biologist's argument?

- (A) Everyone is equally content with our present configuration of fingers.
 - (B) Humans are never equally content with two things of unequal usefulness.
 - (C) Humans are always equally content with two things of equal usefulness.
 - (D) The perceived usefulness of our configuration of fingers is an illusory result of our prejudices.
 - (E) At least one species of fish had six phalanges in its fins.
12. **Surrealist:** Many artists mistakenly think that models need be taken only from outside the psyche. Although human sensibility can confer beauty upon even the most vulgar external objects, using the power of artistic representation solely to preserve and reinforce objects that would exist even without artists is an ironic waste.

Which one of the following most accurately expresses the conclusion of the surrealist's argument?

- (A) An artist's work should not merely represent objects from outside the psyche.
- (B) Artistic representation is used solely to preserve and reinforce objects.
- (C) Artists should not base all their work on mere representation.
- (D) Great art can confer beauty even upon very vulgar external objects.
- (E) True works of art rarely represent objects from outside the psyche.

13. Harrold Foods is attempting to dominate the soft-drink market by promoting "Hero," its most popular carbonated drink product, with a costly new advertising campaign. But survey results show that, in the opinion of 72 percent of all consumers, "Hero" already dominates the market. Since any product with more than 50 percent of the sales in a market is, by definition, dominant in that market, Harrold Foods dominates the market now and need only maintain its current market share in order to continue to do so.

The argument commits which one of the following errors in reasoning?

- (A) failing to exclude the possibility that what appears to be the result of a given market condition may in fact be the cause of that condition
- (B) mistaking a condition required if a certain result is to obtain for a condition that by itself is sufficient to guarantee that result
- (C) treating the failure to establish that a certain claim is false as equivalent to a demonstration that that claim is true
- (D) taking evidence that a claim is believed to be true to constitute evidence that the claim is in fact true
- (E) describing survey results that were obtained in the past as if they are bound to obtain in the future as well

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14. Theoretically, analog systems are superior to digital systems. A signal in a pure analog system can be infinitely detailed, while digital systems cannot produce signals that are more precise than their digital units. With this theoretical advantage there is a practical disadvantage, however. Since there is no limit on the potential detail of the signal, the duplication of an analog representation allows tiny variations from the original, which are errors. These errors tend to accumulate as signals are duplicated, until this “noise” obliterates the information embodied in the original signal.

The statements above, if true, most strongly support which one of the following?

- (A) Many ideas that work well in theory do not work well in practice.
- (B) Analog representation of information is impractical because we do not need infinitely detailed information.
- (C) Digital systems are the best information systems because error cannot occur in the emission of digital signals.
- (D) Analog systems are inferior to digital systems for most practical purposes.
- (E) Digital systems are preferable to analog systems when the signal must be reproduced many times.

15. Psychologist: Doctors should never prescribe sedatives for people with insomnia. Most cases of insomnia that psychologists treat are known to be caused by psychological stress. This suggests that insomniacs do not need drugs that alter their biochemistry, but rather need psychotherapy to help them alleviate the stress causing their insomnia.

Each of the following describes a flaw in the psychologist’s reasoning EXCEPT:

- (A) It presumes, without providing warrant, that insomnia contributes to an inability to cope with stress.
- (B) It fails to consider the possibility that sedatives are the only treatment known to be effective for cases of insomnia not caused by stress.
- (C) It neglects the possibility that for some people psychotherapy is a completely ineffective treatment for stress.
- (D) It overlooks the possibility that sedatives could help insomniacs cope with stress.
- (E) It presumes, without providing justification, that the cases of insomnia psychologists treat are representative of all cases of insomnia.

16. Numerous paintings and engravings representing warfare can be found in remains of all civilizations going back to and including the Neolithic period, when agriculture was first developed. However, no paintings or engravings of warfare are found dating from before the Neolithic period. Therefore, warfare must have first developed as a result of the transition to an agricultural society.

Which one of the following is an assumption required by the argument?

- (A) Paintings and engravings were the dominant forms of artistic expression during the Neolithic period.
 - (B) Warfare in the Neolithic period was always motivated by territorial disputes over agricultural land.
 - (C) There was no warfare prior to the period in which paintings and engravings of warfare were first created.
 - (D) Warfare is the inevitable result of the development of a civilization.
 - (E) Paintings and engravings of agricultural life began to be made at the same time as paintings and engravings of warfare.
17. An antidote for chicken pox has been developed, but researchers warn that its widespread use could be dangerous, despite the fact that this drug has no serious side effects and is currently very effective at limiting the duration and severity of chicken pox.
- Which one of the following, if true, helps most to reconcile the apparent discrepancy indicated above?
- (A) The drug is extremely expensive and would be difficult to make widely available.
 - (B) The drug has to be administered several times a day, so patient compliance is likely to be low.
 - (C) The drug does not prevent the spread of chicken pox from one person to another, even when the drug eventually cures the disease in the first person.
 - (D) When misused by taking larger-than-prescribed doses, the drug can be fatal.
 - (E) Use of the drug contributes to the development of deadlier forms of chicken pox that are resistant to the drug.

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18. The tendency toward overspecialization in the study of artifacts is unfortunate. Scholars can enhance their understanding of a certain artistic period by studying art from earlier periods that had a significant influence on it. For instance, because of its influence on Spanish artisans, a proper understanding of Arabic porcelain is indispensable for a proper understanding of Spanish porcelain.

Of the following, which one most closely conforms to the principle that the passage as a whole illustrates?

- (A) To understand completely the major trends in research on aging, one must understand the influences these trends exert on society's view of aging.
- (B) To understand fully the historical events of this century, a historian must have an understanding of similar events in earlier centuries.
- (C) To appreciate fully the French language, one must understand the other languages that share its linguistic ancestry.
- (D) To understand properly any academic discipline, one must have at least a superficial acquaintance with the practices of the wider academic community.
- (E) To understand completely Aristotle's philosophy, one must be well acquainted with the philosophy of his intellectual mentor, Plato.

19. Editorial: Medical schools spend one hour teaching preventive medicine for every ten hours spent teaching curative medicine, even though doctors' use of the techniques of preventive medicine cuts down medical costs greatly. Therefore, if their goal is to make medicine more cost-effective, medical schools spend insufficient time teaching preventive medicine.

Which one of the following is an assumption on which the editorial's argument depends?

- (A) Preventive medicine makes use of technologies that are lower in initial cost than the technologies used within the practice of curative medicine.
- (B) Every hour devoted to the teaching of preventive medicine reduces medical costs by 10 percent or more.
- (C) Medical schools could increase their total number of teaching hours.
- (D) Improvements in doctors' use of the techniques of curative medicine would only increase overall medical costs.
- (E) The time required to teach preventive medicine thoroughly is greater than one hour for every ten that are now spent teaching curative medicine.

20. Dana: It is wrong to think that the same educational methods should be used with all children. Many children have been raised in more communal environments than others and would therefore learn better through group, rather than individual, activities. A child's accustomed style of learning should always dictate what method is used.

Pat: No, not always. The flexibility of being able to work either on one's own or in a group is invaluable in a world where both skills are in demand.

The conversation lends the most support to the claim that Dana and Pat disagree on which one of the following?

- (A) All children can learn valuable skills from individual activities.
- (B) All children should learn to adapt to various educational methods.
- (C) Many children would learn better through group, rather than individual, activities.
- (D) The main purpose of education is to prepare children to meet the demands of the job market as adults.
- (E) It is sometimes desirable to tailor educational methods to the way a child learns best.

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21. Experimental psychology requires the application of statistics to interpret empirical data and assess their significance. A person will not be able to understand such applications without training in statistics. Therefore, the more training one has in statistics, the better one will be at research in experimental psychology.

Which one of the following arguments exhibits a flawed pattern of reasoning most similar to that exhibited by the argument above?

- (A) Most people need the love and support of others; without it, they become depressed and unhappy. Therefore, in most instances, the more love and support a person receives, the happier that person will be.
- (B) Since in most jobs there are annual wage or salary increases, the longer one has worked, the more raises one will have received. Therefore, in a typical job, the longer one has worked, the greater one's income will be.
- (C) The main cause of heart attacks is arteriosclerosis, the buildup of plaque on the interior wall of the coronary arteries. It develops over an extended period of time. Therefore, if one is at risk for arteriosclerosis, one becomes more likely to suffer a heart attack as one gets older.
- (D) Since many disease processes are biochemical in nature, unless one understands chemistry one will not be able to understand the explanations for many diseases. Therefore, if one has no training in chemistry, one will not be able to master medicine.
- (E) Since most disease processes are biochemical in nature, an understanding of chemistry will enable one to understand most diseases. Therefore, one needs little more than training in chemistry to be able to master medicine.

22. In 1988 the government of Country X began using a new computer program to determine the number of people employed in that country. The program simply tallied the number of paychecks per pay period issued by employers in X, and used that figure as its estimate of employment. The government reported that, compared with the immediately preceding quarter, there was a large increase in the number of people employed for the first quarter for which the program was used.

Which one of the following can be properly concluded from the information above, together with the fact that in the first quarter for which the program was used, some employers in X issued separate paychecks for the regular hours an employee worked, for the employee's overtime, and for bonuses and commissions?

- (A) The government's estimate of growth in the number of people employed was less accurate after the government began using the new program than it had been before.
- (B) The people who designed the new program were unaware of the fact that some workers in X receive more than one paycheck per pay period.
- (C) The government had not reported strong growth in the number of people employed for the quarters just before the new program was used.
- (D) The government overestimated the total number of people employed in X for the first quarter for which the program was used.
- (E) Contrary to the claims of the government of Country X, there was no growth in the number of people employed in X in the first quarter for which the program was used.

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23. Some vegetarians have argued that there are two individually sufficient reasons for not eating meat—one based on health considerations, and the other based on the aversion to living at the expense of other conscious creatures. But suppose that eating meat were essential to good health for humans. Then it would be less clear that an aversion to living at the expense of other conscious creatures is enough of a reason to stop eating meat.

Which one of the following most accurately describes the role played in the argument by the supposition that eating meat is essential to good health?

- (A) It is used to disprove the vegetarian position that we should not eat meat.
 - (B) It is used to show that the two types of reasons cited in favor of vegetarianism are independent.
 - (C) It is used to disprove the claim that a vegetarian diet is healthy.
 - (D) It is used to weaken the claim that the consciousness of animals is a sufficient reason for not eating meat.
 - (E) It is used to show that there is no sufficient reason for not eating meat.
24. The increasing complexity of scientific inquiry has led to a proliferation of multiauthored technical articles. Reports of clinical trials involving patients from several hospitals are usually coauthored by physicians from each participating hospital. Likewise, physics papers reporting results from experiments using subsystems developed at various laboratories generally have authors from each laboratory.

If all the statements above are true, which one of the following must be true?

- (A) Clinical trials involving patients from several hospitals are never conducted solely by physicians from just one hospital.
- (B) Most reports of clinical trials involving patients from several hospitals have multiple authors.
- (C) When a technical article has multiple authors, they are usually from several different institutions.
- (D) Physics papers authored by researchers from multiple laboratories usually report results from experiments using subsystems developed at each laboratory.
- (E) Most technical articles are authored solely by the researchers who conducted the experiments these articles report.

25. Helena: Extroversion, or sociability, is not biologically determined. Children whose biological parents are introverted, when adopted by extroverts, tend to be more sociable than children of introverted parents who are not adopted.

Jay: Your conclusion does not follow. Some of these children adopted by extroverts remain introverted no matter how young they are when adopted.

Jay's response suggests that he interpreted Helena's remarks to mean that

- (A) biological factors play only a partial role in a child being extroverted
- (B) most but not all children whose biological parents are introverted become extroverted when adopted by extroverts
- (C) children whose biological parents are introverted, when adopted by extroverts, tend not to be more sociable than children of introverted parents who are not adopted
- (D) biological factors do not play any role in a child being extroverted
- (E) environmental factors can sometimes be more influential than biological factors in determining extroversion

S T O P

IF YOU FINISH BEFORE TIME IS CALLED, YOU MAY CHECK YOUR WORK ON THIS SECTION ONLY.
DO NOT WORK ON ANY OTHER SECTION IN THE TEST.

Acknowledgment is made to the following sources from which material has been adapted for use in this test booklet:

A.S. Cutler, "Lawyers Should Not Accept Unlawful Cases." © 1983 by Greenhaven Press, Inc.

Carl Sagan, "*Cosmos*" © 1980 by Carl Sagan Productions, Inc.

DATE _____

LSAT WRITING SAMPLE TOPIC

Helene has recently purchased an established art gallery and is trying to decide which of two artists to feature in her first show as owner. Write an argument supporting one artist over the other based on the following criteria:

- Helene is aware that the gallery has gained a reputation for featuring traditional artwork but wants to begin promoting art that is more exciting and contemporary in style.
- Helene needs to at least break even on the show, so it is important that the show draw a good crowd and generate several sales of the works of the featured artist.

Celia has only recently been showing her artwork. She has never had her own show and has never sold a piece of her art. Yet, a highly respected art magazine focusing on contemporary art has recently published a favorable review of Celia's work, describing her as "an exciting young artist poised to take the art world by storm." Celia has enthusiastically responded to Helene's queries about the possibility of coordinating a show. Further, Celia has connections with a group of young artists who have begun to receive favorable reviews for their highly creative work. Featuring Celia's work in the show would likely lead to later exhibitions of the work of these other artists.

Andre is a well-established artist who has had many shows and has sold several works in the past year. Recent reviews of Andre's work have been favorable, but less glowing than in the past. Still, Andre's shows tend to be well attended, and he has a loyal following; many of those attending would likely be influential dealers and wealthy collectors of traditional art. In addition, Andre has a longstanding contract with a major publisher of expensive, high-quality art books and Helene would be entitled to royalties if this publisher were to produce a catalog to accompany Andre's show at her gallery. Andre would have to be convinced to participate in the show but would probably be willing to do so because the gallery that Helene purchased is well-known for being supportive of his style of art.

[illegible]

DIRECTIONS:

1. Use the Answer Key on the next page to check your answers.
2. Use the Scoring Worksheet below to compute your Raw Score.
3. Use the Score Conversion Chart to convert your Raw Score into the 120-180 scale.

SCORING WORKSHEET

1. Enter the number of questions you answered correctly in each section

NUMBER
CORRECT

SECTION I..... _____

SECTION II..... _____

SECTION III..... _____

SECTION IV..... _____

2. Enter the sum here: _____ THIS IS YOUR
RAW SCORE.

CONVERSION CHART

**For Converting Raw Score to the 120-180 LSAT Scaled Score
LSAT Prep Test XXXII**

<u>REPORTED SCORE</u>	<u>LOWEST RAW SCORE</u>	<u>HIGHEST RAW SCORE</u>
180	98	101
179	97	97
178	96	96
177	95	95
176	94	94
175	93	93
174	92	92
173	91	91
172	90	90
171	88	89
170	87	87
169	86	86
168	85	85
167	83	84
166	82	82
165	80	81
164	79	79
163	77	78
162	75	76
161	74	74
160	72	73
159	70	71
158	69	69
157	67	68
156	65	66
155	64	64
154	62	63
153	60	61
152	58	59
151	57	57
150	55	56
149	53	54
148	52	52
147	50	51
146	48	49
145	47	47
144	45	46
143	44	44
142	42	43
141	40	41
140	39	39
139	37	38
138	36	36
137	35	35
136	33	34
135	32	32
134	30	31
133	29	29
132	28	28
131	27	27
130	26	26
129	24	25
128	23	23
127	22	22
126	21	21
125	20	20
124	19	19
123	18	18
122	17	17
121	—*	—*
120	0	16

*There is no raw score that will produce this scaled score for this test.