

SECTION IV

Time—35 minutes

23 Questions

Directions: Each set of questions in this section is based on a scenario with a set of conditions. The questions are to be answered on the basis of what can be logically inferred from the scenario and conditions. For each question, choose the response that most accurately and completely answers the question and mark that response on your answer sheet.

Questions 1–5

The participants in an experiment designed to evaluate the persuasive impact of expert witness testimony will be divided into six groups, according to occupation—judges, lawyers, medical doctors, nurses, police officers, and teachers. The six groups will be evaluated separately, one after the other, in accordance with the following conditions:

The teachers must be evaluated at some time before the medical doctors and at some time before the nurses.

The medical doctors must be evaluated at some time before the lawyers.

The nurses must be evaluated either immediately before or immediately after the police officers.

The police officers must be evaluated at some time between the judges and the lawyers, regardless of whether the judges are evaluated before the lawyers or after.

1. Which one of the following could be the order in which the six groups are evaluated?
 - (A) judges, police officers, teachers, medical doctors, nurses, lawyers
 - (B) judges, teachers, medical doctors, lawyers, police officers, nurses
 - (C) medical doctors, judges, police officers, nurses, teachers, lawyers
 - (D) teachers, lawyers, police officers, nurses, medical doctors, judges
 - (E) teachers, medical doctors, judges, police officers, nurses, lawyers
2. Which one of the following groups could be evaluated sixth?
 - (A) judges
 - (B) medical doctors
 - (C) nurses
 - (D) police officers
 - (E) teachers

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3. If the lawyers are evaluated at some time before the judges, which one of the following could be true?

(A) The judges are evaluated third.
(B) The medical doctors are evaluated fifth.
(C) The nurses are evaluated third.
(D) The police officers are evaluated fourth.
(E) The teachers are evaluated second.

4. If the police officers are evaluated fifth, which one of the following must be true?

(A) The judges are evaluated third.
(B) The lawyers are evaluated sixth.
(C) The medical doctors are evaluated second.
(D) The nurses are evaluated fourth.
(E) The teachers are evaluated first.

5. What is the minimum number of groups that must be evaluated after the teachers?

(A) five
(B) four
(C) three
(D) two
(E) one

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Questions 6–10

A television station must determine the order in which five commercials, each advertising a single product—fast food, granola, pizza, sportswear, or trucks—are to be aired during the five slots available in a commercial break. The order of the commercials is subject to the following constraints:

The pizza commercial must be aired earlier than the granola commercial.

The sportswear commercial must be aired earlier than the truck commercial.

The fast-food and sportswear commercials must be aired consecutively.

6. How many of the commercials are there any one of which could be aired last?
- (A) five
 - (B) four
 - (C) three
 - (D) two
 - (E) one
7. If the truck commercial is aired earlier than the granola commercial, then which one of the following CANNOT be true?
- (A) The fast-food commercial is aired second.
 - (B) The granola commercial is aired fourth.
 - (C) The pizza commercial is aired first.
 - (D) The sportswear commercial is aired first.
 - (E) The truck commercial is aired fourth.

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8. If the pizza commercial is aired immediately before the truck commercial, then which one of the following could be true?

(A) The truck commercial is aired third.
(B) The sportswear commercial is aired third.
(C) The pizza commercial is aired first.
(D) The granola commercial is aired fourth.
(E) The fast-food commercial is aired second.

9. How many of the commercials are there any one of which could be aired second?

(A) five
(B) four
(C) three
(D) two
(E) one

10. If the granola and truck commercials are not aired consecutively, then which one of the following could be true?

(A) The fast-food commercial is aired last.
(B) The granola commercial is aired fourth.
(C) The pizza commercial is aired third.
(D) The sportswear commercial is aired second.
(E) The truck commercial is aired fourth.

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Questions 11–17

Over the course of four consecutive weeks, a gallery is going to show three oil paintings—*Gold*, *Hanbok*, and *Ibex*—and three watercolor paintings—*Ping*, *Roil*, and *Sails*. Each painting will be shown in at least one week, with exactly one oil painting and one watercolor painting shown per week, subject to the following conditions:

No painting can be shown in two consecutive weeks.
Gold cannot be shown in any week in which *Ping* is shown.

Hanbok must be shown in any week in which *Sails* is shown.

Hanbok cannot be shown earlier than the third week unless *Ibex* is shown in the first week.

11. Which one of the following could be the schedule of the paintings shown in the four weeks, listed in order from the first week to the fourth?

- (A) *Gold* and *Roil*; *Hanbok* and *Sails*; *Ibex* and *Ping*; *Gold* and *Roil*
- (B) *Gold* and *Roil*; *Ibex* and *Sails*; *Hanbok* and *Ping*; *Gold* and *Roil*
- (C) *Ibex* and *Ping*; *Gold* and *Roil*; *Hanbok* and *Sails*; *Gold* and *Roil*
- (D) *Ibex* and *Ping*; *Hanbok* and *Sails*; *Gold* and *Ping*; *Hanbok* and *Roil*
- (E) *Ibex* and *Ping*; *Hanbok* and *Sails*; *Hanbok* and *Ping*; *Gold* and *Roil*

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12. If *Sails* is shown in the second week, then any of the following could be shown in the third week EXCEPT:
- (A) *Gold*
 - (B) *Hanbok*
 - (C) *Ibex*
 - (D) *Ping*
 - (E) *Roil*
13. Which one of the following must be false?
- (A) *Sails* is shown in the first week.
 - (B) *Hanbok* is shown in the second week.
 - (C) *Roil* is shown in the third week.
 - (D) *Ibex* is shown in the fourth week.
 - (E) *Ping* is shown in the fourth week.
14. If *Gold* is shown in the first week, which one of the following could be true?
- (A) *Ibex* is shown in the third week.
 - (B) *Ping* is shown in the third week.
 - (C) *Roil* is shown in the second week.
 - (D) *Roil* is shown in the fourth week.
 - (E) *Sails* is shown in the second week.
15. The schedule of the paintings shown in the four weeks is completely determined if which one of the following is true?
- (A) *Gold* is shown twice.
 - (B) *Hanbok* is shown twice.
 - (C) *Ping* is shown twice.
 - (D) *Roil* is shown twice.
 - (E) *Sails* is shown twice.
16. If *Roil* is shown in both the second and fourth weeks, which one of the following could be true?
- (A) *Gold* is shown in the first week.
 - (B) *Hanbok* is shown in the second week.
 - (C) *Hanbok* is shown in the fourth week.
 - (D) *Ibex* is shown in the second week.
 - (E) *Ibex* is shown in the fourth week.
17. Which one of the following, if substituted for the condition that *Gold* cannot be shown in any week in which *Ping* is shown, would have the same effect in determining the schedule of the paintings shown in the four weeks?
- (A) *Roil* must be shown in any week in which *Gold* is shown.
 - (B) *Gold* must be shown in any week in which *Roil* is shown.
 - (C) If *Ping* is not shown in the first week, then *Sails* must be shown no earlier than the third week.
 - (D) If *Ping* is shown in the first week, then *Ibex* must also be shown in the first week.
 - (E) *Hanbok* cannot be shown in any week in which *Roil* is shown.

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Questions 18–23

A charity is assigning volunteers to work at its booth at a fair that runs three days: Thursday, Friday, and Saturday. Five volunteers are being assigned: Lentz, Morse, Nuñez, Pang, and Quinn. On each day, exactly three of the volunteers will work at the booth. The assignment of volunteers to days must meet the following conditions:

No volunteer works every day.

On any day that Morse works, Lentz also works.

Nuñez works on Friday.

Pang does not work on Saturday.

18. Which one of the following could be the assignment of volunteers for Friday and Saturday?

- (A) Friday: Lentz, Morse, Nuñez
Saturday: Lentz, Morse, Nuñez
- (B) Friday: Lentz, Morse, Pang
Saturday: Lentz, Morse, Quinn
- (C) Friday: Nuñez, Pang, Quinn
Saturday: Lentz, Morse, Nuñez
- (D) Friday: Nuñez, Pang, Quinn
Saturday: Lentz, Morse, Pang
- (E) Friday: Nuñez, Pang, Quinn
Saturday: Morse, Nuñez, Quinn

19. If Pang works on Friday, then any of the following could be true EXCEPT:

- (A) Lentz works on Friday.
- (B) Morse works on Thursday.
- (C) Morse works on Friday.
- (D) Nuñez works on Thursday.
- (E) Nuñez works on Saturday.

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20. If Pang works on only one day, which one of the following must be true?

- (A) Lentz works on Thursday.
- (B) Morse works on Saturday.
- (C) Nuñez works on Thursday.
- (D) Pang works on Friday.
- (E) Quinn works on Saturday.

21. The assignment of volunteers to days is completely determined if which one of the following is true?

- (A) Lentz works on Thursday.
- (B) Morse works on Friday.
- (C) Nuñez works on Thursday.
- (D) Pang works on Friday.
- (E) Quinn works on Saturday.

22. If Morse works on Thursday, which one of the following must be true?

- (A) Lentz works on Friday.
- (B) Morse works on Saturday.
- (C) Nuñez works on Saturday.
- (D) Pang works on Thursday.
- (E) Quinn works on Friday.

23. If Morse works on only one day, which one of the following must be true?

- (A) Lentz works on Friday.
- (B) Morse works on Saturday.
- (C) Nuñez works on Saturday.
- (D) Pang works on Thursday.
- (E) Quinn works on Friday.

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.

COMPUTING YOUR SCORE

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 Form OLSA131

| Reported Score | Raw Score | |
|-------------------|-----------|---------|
| | Lowest | Highest |
| 180 | 100 | 102 |
| 179 | 99 | 99 |
| 178 | * | * |
| 177 | 98 | 98 |
| 176 | 97 | 97 |
| 175 | * | * |
| 174 | 96 | 96 |
| 173 | 95 | 95 |
| 172 | 94 | 94 |
| 171 | 93 | 93 |
| 170 | 92 | 92 |
| 169 | 90 | 91 |
| 168 | 89 | 89 |
| 167 | 87 | 88 |
| 166 | 86 | 86 |
| 165 | 84 | 85 |
| 164 | 83 | 83 |
| 163 | 81 | 82 |
| 162 | 79 | 80 |
| 161 | 77 | 78 |
| 160 | 75 | 76 |
| 159 | 73 | 74 |
| 158 | 71 | 72 |
| 157 | 69 | 70 |
| 156 | 68 | 68 |
| 155 | 66 | 67 |
| 154 | 64 | 65 |
| 153 | 62 | 63 |
| 152 | 60 | 61 |
| 151 | 58 | 59 |
| 150 | 56 | 57 |
| 149 | 54 | 55 |
| 148 | 52 | 53 |
| 147 | 50 | 51 |
| 146 | 49 | 49 |
| 145 | 47 | 48 |
| 144 | 45 | 46 |
| 143 | 44 | 44 |
| 142 | 42 | 43 |
| 141 | 41 | 41 |
| 140 | 39 | 40 |
| 139 | 38 | 38 |
| 138 | 36 | 37 |
| 137 | 35 | 35 |
| 136 | 33 | 34 |
| 135 | 32 | 32 |
| 134 | 31 | 31 |
| 133 | 30 | 30 |
| 132 | 29 | 29 |
| 131 | 28 | 28 |
| 130 | 27 | 27 |
| 129 | 26 | 26 |
| 128 | 25 | 25 |
| 127 | 24 | 24 |
| 126 | * | * |
| 125 | 23 | 23 |
| 124 | 22 | 22 |
| 123 | * | * |
| 122 | 21 | 21 |
| 121 | 20 | 20 |
| 120 | 0 | 19 |

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

ANSWER KEY

SECTION I

- | | | | |
|------|-------|-------|-------|
| 1. D | 8. D | 15. B | 22. D |
| 2. B | 9. C | 16. D | 23. E |
| 3. A | 10. E | 17. E | 24. E |
| 4. E | 11. C | 18. C | 25. C |
| 5. A | 12. D | 19. A | 26. B |
| 6. C | 13. D | 20. C | 27. B |
| 7. B | 14. C | 21. A | |

SECTION II

- | | | | |
|------|-------|-------|-------|
| 1. E | 8. A | 15. C | 22. C |
| 2. B | 9. A | 16. C | 23. B |
| 3. E | 10. A | 17. B | 24. D |
| 4. B | 11. D | 18. C | 25. B |
| 5. A | 12. D | 19. A | 26. B |
| 6. D | 13. B | 20. D | |
| 7. E | 14. D | 21. A | |

SECTION III

- | | | | |
|------|-------|-------|-------|
| 1. A | 8. A | 15. E | 22. C |
| 2. A | 9. C | 16. C | 23. B |
| 3. D | 10. E | 17. A | 24. B |
| 4. A | 11. E | 18. D | 25. D |
| 5. B | 12. D | 19. D | 26. E |
| 6. E | 13. D | 20. A | |
| 7. A | 14. A | 21. B | |

SECTION IV

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|------|-------|-------|-------|
| 1. E | 8. E | 15. E | 22. E |
| 2. A | 9. C | 16. E | 23. D |
| 3. D | 10. D | 17. A | |
| 4. D | 11. C | 18. C | |
| 5. B | 12. B | 19. C | |
| 6. D | 13. A | 20. B | |
| 7. B | 14. D | 21. B | |