

SECTION IV

Time—35 minutes

23 Questions

Directions: Each group of questions in this section is based on a set of conditions. In answering some of the questions, it may be useful to draw a rough diagram. Choose the response that most accurately and completely answers each question and blacken the corresponding space on your answer sheet.

Questions 1–6

A new magazine is assigning photo essays to be featured in its first five monthly issues, one essay per issue. Three of the essays will have a rural theme and two will have an urban theme. Each essay will be assigned to a different one of five photographers: Fetter, Gonzalez, Howland, Jordt, and Kim. The assignment of photographers and themes to issues is subject to the following constraints:

- The essay featured in the first issue must have a rural theme.
- Kim's essay must be featured in the issue immediately preceding the issue in which Fetter's essay is featured.
- Fetter's essay cannot have the same type of theme as Kim's.
- Gonzalez's essay must be featured in the third issue.
- Jordt's essay must have an urban theme.

1. Which one of the following is an acceptable assignment of photographers to issues, listed in order from the first issue to the fifth?

- (A) Fetter, Jordt, Gonzalez, Kim, Howland
- (B) Gonzalez, Kim, Fetter, Jordt, Howland
- (C) Howland, Kim, Gonzalez, Fetter, Jordt
- (D) Jordt, Howland, Gonzalez, Kim, Fetter
- (E) Kim, Fetter, Gonzalez, Jordt, Howland

GO ON TO THE NEXT PAGE.

2. Which one of the following could be true?
- (A) Fetter's essay is featured in the issue immediately preceding the issue in which Jordt's essay is featured.
 - (B) Gonzalez's essay is featured in the issue immediately preceding the issue in which Howland's essay is featured.
 - (C) Howland's essay is featured in the issue immediately preceding the issue in which Kim's essay is featured.
 - (D) Jordt's essay is featured in the issue immediately preceding the issue in which Kim's essay is featured.
 - (E) Kim's essay is featured in the issue immediately preceding the issue in which Gonzalez's essay is featured.
3. If the essay featured in the fourth issue has an urban theme, then any of the following could be true EXCEPT:
- (A) Fetter's essay is featured in the second issue.
 - (B) Fetter's essay is featured in the fifth issue.
 - (C) Howland's essay is featured in the fourth issue.
 - (D) Howland's essay is featured in the fifth issue.
 - (E) Jordt's essay is featured in the fourth issue.
4. Which one of the following must be true?
- (A) The essay featured in the third issue has an urban theme.
 - (B) The essay featured in the fifth issue has a rural theme.
 - (C) Fetter's essay has an urban theme.
 - (D) Gonzalez's essay has a rural theme.
 - (E) Kim's essay has a rural theme.
5. Any of the following could be featured in the fourth issue EXCEPT:
- (A) an essay by Fetter that has a rural theme
 - (B) an essay by Howland that has a rural theme
 - (C) an essay by Kim that has a rural theme
 - (D) an essay by Jordt that has an urban theme
 - (E) an essay by Kim that has an urban theme
6. Which one of the following, if substituted for the constraint that Fetter's essay cannot have the same type of theme as Kim's, would have the same effect in determining the assignment of photographers and themes to issues?
- (A) Howland's essay must have a rural theme.
 - (B) Gonzalez's essay and Howland's essay must both have a rural theme.
 - (C) Fetter's essay cannot have the same type of theme as Jordt's.
 - (D) Jordt's essay must be featured in an issue immediately following an issue whose essay has a rural theme.
 - (E) Kim's essay must have the same type of theme as Gonzalez's essay or Howland's essay, but not both.

GO ON TO THE NEXT PAGE.

Questions 7–11

A concert organizer is planning the order in which exactly seven musicians—Lowe, Miller, Nadel, Otero, Parker, Sen, and Thomas—will perform. The musicians will perform consecutively, one at a time. The order of the performances is constrained by the following conditions:

Lowe must perform earlier than Nadel.

Miller must perform earlier than Thomas.

There must be exactly one performance between the performances of Lowe and Otero, whether or not Lowe performs earlier than Otero.

There must be exactly one performance between the performances of Miller and Parker, whether or not Miller performs earlier than Parker.

Parker must perform either first or seventh.

7. Which one of the following could be true?

- (A) Miller performs fourth.
- (B) Nadel performs first.
- (C) Otero performs fifth.
- (D) Sen performs seventh.
- (E) Thomas performs second.

GO ON TO THE NEXT PAGE.

8. If Otero performs earlier than Miller, then the fifth performer could be any of the following EXCEPT:

(A) Lowe
(B) Miller
(C) Nadel
(D) Sen
(E) Thomas

9. Which one of the following CANNOT be the third performer?

(A) Lowe
(B) Miller
(C) Nadel
(D) Otero
(E) Sen

10. If Sen performs immediately before Thomas, which one of the following CANNOT be true?

(A) Lowe performs second.
(B) Lowe performs fourth.
(C) Sen performs fifth.
(D) Thomas performs fifth.
(E) Thomas performs seventh.

11. The order in which the musicians perform is completely determined if which one of the following is true?

(A) Lowe performs fourth.
(B) Miller performs fifth.
(C) Nadel performs fourth.
(D) Otero performs third.
(E) Sen performs first.

GO ON TO THE NEXT PAGE.

Questions 12–16

The operators of an outdoor amusement center are designing an obstacle course that will consist of a sequence of six separate obstacles: a rope bridge, a spinning platform, a tunnel, a vaulting apparatus, a wall, and a zipline. The obstacles will be placed in order from start to finish (first to sixth), in accordance with the following constraints:

The spinning platform must be the third or fourth obstacle.

The wall must be placed just before the zipline.

The rope bridge cannot be placed just before or just after the vaulting apparatus.

12. Which one of the following is an acceptable sequence of obstacles in the obstacle course, in order from first to sixth?
- (A) rope bridge, tunnel, spinning platform, wall, vaulting apparatus, zipline
 - (B) tunnel, rope bridge, vaulting apparatus, spinning platform, wall, zipline
 - (C) tunnel, rope bridge, wall, zipline, spinning platform, vaulting apparatus
 - (D) vaulting apparatus, tunnel, spinning platform, rope bridge, wall, zipline
 - (E) wall, zipline, spinning platform, vaulting apparatus, rope bridge, tunnel

GO ON TO THE NEXT PAGE.

13. If the tunnel is the first obstacle, which one of the following must be true?
- (A) The rope bridge is the second obstacle.
 - (B) The rope bridge is the fourth obstacle.
 - (C) The spinning platform is the third obstacle.
 - (D) The wall is the fourth obstacle.
 - (E) The zipline is the sixth obstacle.
14. Which one of the following is a complete and accurate list of the positions in which the tunnel could be placed?
- (A) first, second, fifth
 - (B) first, second, fifth, sixth
 - (C) first, second, third, fourth, sixth
 - (D) first, second, third, fifth, sixth
 - (E) first, second, third, fourth, fifth, sixth

15. If the rope bridge is the second obstacle, which one of the following must be true?
- (A) The spinning platform is the fourth obstacle.
 - (B) The tunnel is the first obstacle.
 - (C) The vaulting apparatus is the sixth obstacle.
 - (D) The wall is the fourth obstacle.
 - (E) The zipline is the sixth obstacle.
16. If the rope bridge and the vaulting apparatus are both earlier in the sequence than the tunnel, which one of the following must be true?
- (A) The spinning platform is the fourth obstacle.
 - (B) The tunnel is the fifth obstacle.
 - (C) The vaulting apparatus is the fifth obstacle.
 - (D) The wall is the first obstacle.
 - (E) The zipline is the third obstacle.

GO ON TO THE NEXT PAGE.

Questions 17–23

A company is sending its four product managers—Fan, Gleeson, Haley, and Ibañez—to visit three cities—Manila, Sydney, and Tokyo. Each manager will visit at least one of the cities, and each city will be visited by exactly two of the managers. The managers will be assigned to visit the cities according to the following conditions:

Ibañez must visit exactly two of the cities.

Fan and Haley cannot visit the same city as each other.

If Manila is visited by Gleeson, then Tokyo must be visited by Haley.

Gleeson cannot visit Sydney.

17. Which one of the following could be the assignment of managers to cities?

- (A) Manila: Fan and Gleeson
Sydney: Haley and Ibañez
Tokyo: Gleeson and Haley
- (B) Manila: Fan and Ibañez
Sydney: Gleeson and Haley
Tokyo: Haley and Ibañez
- (C) Manila: Gleeson and Haley
Sydney: Fan and Ibañez
Tokyo: Haley and Ibañez
- (D) Manila: Gleeson and Haley
Sydney: Haley and Ibañez
Tokyo: Fan and Ibañez
- (E) Manila: Gleeson and Ibañez
Sydney: Haley and Ibañez
Tokyo: Fan and Haley

GO ON TO THE NEXT PAGE.

18. Which one of the following, if true, completely determines the assignment of managers to cities?

- (A) Fan visits exactly two of the cities.
- (B) Gleeson visits exactly two of the cities.
- (C) Haley visits exactly two of the cities.
- (D) Fan and Gleeson visit Tokyo.
- (E) Gleeson and Haley visit Tokyo.

19. Which one of the following must be true?

- (A) Fan visits Sydney.
- (B) Gleeson visits Tokyo.
- (C) Haley visits Tokyo.
- (D) Ibañez visits Sydney.
- (E) Ibañez visits Tokyo.

20. Which one of the following could be true?

- (A) Fan and Ibañez visit Manila.
- (B) Gleeson and Ibañez visit Tokyo.
- (C) Ibañez visits Manila and Tokyo.
- (D) Fan visits all three of the cities.
- (E) Haley visits all three of the cities.

21. If one of the cities is visited by both Gleeson and Haley, which one of the following must be true?

- (A) Fan visits Manila.
- (B) Fan visits Sydney.
- (C) Gleeson visits Manila.
- (D) Haley visits Tokyo.
- (E) Ibañez visits Tokyo.

22. If Ibañez visits Tokyo, which one of the following could be true?

- (A) Fan and Gleeson visit Manila.
- (B) Gleeson and Ibañez visit Manila.
- (C) Haley and Ibañez visit Manila.
- (D) Fan visits Manila and Tokyo.
- (E) Haley visits Manila and Sydney.

23. Which one of the following, if substituted for the condition that Fan and Haley cannot visit the same city as each other, would have the same effect in determining the assignment of managers to cities?

- (A) Gleeson and Ibañez cannot visit the same city as each other.
- (B) If Sydney is visited by Fan, then Tokyo must be visited by Haley.
- (C) Tokyo must be visited by either Fan or Haley, but cannot be visited by both.
- (D) Any city that Fan does not visit must be visited by Haley.
- (E) Any city that Ibañez does not visit must be visited by Gleeson.

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 8LSN127

Reported Score	Raw Score	
	Lowest	Highest
180	100	101
179	*	*
178	99	99
177	98	98
176	97	97
175	*	*
174	96	96
173	95	95
172	94	94
171	93	93
170	92	92
169	91	91
168	89	90
167	88	88
166	86	87
165	85	85
164	83	84
163	81	82
162	79	80
161	77	78
160	75	76
159	73	74
158	71	72
157	69	70
156	67	68
155	65	66
154	63	64
153	61	62
152	59	60
151	57	58
150	55	56
149	53	54
148	51	52
147	50	50
146	48	49
145	46	47
144	44	45
143	43	43
142	41	42
141	40	40
140	38	39
139	37	37
138	35	36
137	34	34
136	33	33
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	*	*
126	24	24
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. B | 15. C | 22. A |
| 2. C | 9. C | 16. A | 23. D |
| 3. D | 10. E | 17. D | 24. B |
| 4. B | 11. A | 18. B | 25. C |
| 5. E | 12. D | 19. D | 26. B |
| 6. A | 13. C | 20. E | 27. D |
| 7. E | 14. D | 21. C | |

SECTION II

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

SECTION III

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

SECTION IV

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