

SECTION II

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 community center will host six arts-and-crafts workshops—Jewelry, Kite-making, Needlepoint, Quilting, Rug-making, and Scrapbooking. The workshops will be given on three consecutive days: Wednesday, Thursday, and Friday. Each workshop will be given once, and exactly two workshops will be given per day, one in the morning and one in the afternoon. The schedule for the workshops is subject to the following constraints:

Jewelry must be given in the morning, on the same day as either Kite-making or Quilting.

Rug-making must be given in the afternoon, on the same day as either Needlepoint or Scrapbooking.

Quilting must be given on an earlier day than both Kite-making and Needlepoint.

- Which one of the following is an acceptable schedule for the workshops, with each day's workshops listed in the order in which they are to be given?
 - Wednesday: Jewelry, Kite-making
Thursday: Quilting, Scrapbooking
Friday: Needlepoint, Rug-making
 - Wednesday: Jewelry, Quilting
Thursday: Kite-making, Needlepoint
Friday: Scrapbooking, Rug-making
 - Wednesday: Quilting, Needlepoint
Thursday: Scrapbooking, Rug-making
Friday: Jewelry, Kite-making
 - Wednesday: Quilting, Scrapbooking
Thursday: Jewelry, Kite-making
Friday: Rug-making, Needlepoint
 - Wednesday: Scrapbooking, Rug-making
Thursday: Quilting, Jewelry
Friday: Kite-making, Needlepoint
- Which one of the following workshops CANNOT be given on Thursday morning?
 - Jewelry
 - Kite-making
 - Needlepoint
 - Quilting
 - Scrapbooking
- Which one of the following pairs of workshops CANNOT be the ones given on Wednesday morning and Wednesday afternoon, respectively?
 - Jewelry, Kite-making
 - Jewelry, Quilting
 - Quilting, Scrapbooking
 - Scrapbooking, Quilting
 - Scrapbooking, Rug-making
- If Kite-making is given on Friday morning, then which one of the following could be true?
 - Jewelry is given on Thursday morning.
 - Needlepoint is given on Thursday afternoon.
 - Quilting is given on Wednesday morning.
 - Rug-making is given on Friday afternoon.
 - Scrapbooking is given on Wednesday afternoon.
- If Quilting is given in the morning, then which one of the following workshops CANNOT be given on Thursday?
 - Jewelry
 - Kite-making
 - Needlepoint
 - Rug-making
 - Scrapbooking
- How many of the workshops are there that could be the one given on Wednesday morning?
 - one
 - two
 - three
 - four
 - five

GO ON TO THE NEXT PAGE.

Questions 7–12

Exactly six actors—Geyer, Henson, Jhalani, Lin, Mitchell, and Paredes—will appear one after another in the opening credits of a television program. Their contracts contain certain restrictions that affect the order in which they can appear.

Given these restrictions, the order in which the actors appear, from first to sixth, must conform to the following:

Both Lin and Mitchell appear earlier than Henson.

Both Lin and Paredes appear earlier than Jhalani.

If Mitchell appears earlier than Paredes, then Henson appears earlier than Geyer.

Geyer does not appear last.

7. Which one of the following could be the order, from first to last, in which the actors appear?
 - (A) Geyer, Lin, Jhalani, Paredes, Mitchell, Henson
 - (B) Geyer, Mitchell, Paredes, Lin, Henson, Jhalani
 - (C) Henson, Lin, Paredes, Jhalani, Geyer, Mitchell
 - (D) Lin, Paredes, Mitchell, Henson, Jhalani, Geyer
 - (E) Paredes, Mitchell, Lin, Jhalani, Geyer, Henson
8. Which one of the following CANNOT be true?
 - (A) Henson appears earlier than Geyer.
 - (B) Henson appears sixth.
 - (C) Lin appears fifth.
 - (D) Paredes appears earlier than Mitchell.
 - (E) Paredes appears second.
9. Exactly how many of the actors are there any one of whom could appear sixth?
 - (A) 5
 - (B) 4
 - (C) 3
 - (D) 2
 - (E) 1
10. If Jhalani appears earlier than Mitchell, then which one of the following could be the order in which the other four actors appear, from earliest to latest?
 - (A) Geyer, Lin, Paredes, Henson
 - (B) Geyer, Paredes, Henson, Lin
 - (C) Lin, Henson, Geyer, Paredes
 - (D) Lin, Paredes, Henson, Geyer
 - (E) Paredes, Lin, Henson, Geyer
11. If Lin appears immediately before Geyer, then which one of the following must be true?
 - (A) Geyer appears no later than third.
 - (B) Henson appears last.
 - (C) Lin appears no later than third.
 - (D) Mitchell appears earlier than Geyer.
 - (E) Paredes appears first.
12. If Mitchell appears first, then which one of the following must be true?
 - (A) Geyer appears fifth.
 - (B) Henson appears third.
 - (C) Jhalani appears sixth.
 - (D) Lin appears second.
 - (E) Paredes appears fourth.

GO ON TO THE NEXT PAGE.

Questions 13–17

Over the course of one day, a landscaper will use a truck to haul exactly seven loads—three loads of mulch and four loads of stone. The truck’s cargo bed will be cleaned in between carrying any two loads of different materials. To meet the landscaper’s needs as efficiently as possible, the following constraints apply:

The cargo bed cannot be cleaned more than three times.
The fifth load must be mulch.

13. Which one of the following is a pair of loads that can both be mulch?
- (A) the first and the third
 - (B) the second and the third
 - (C) the second and the sixth
 - (D) the third and the sixth
 - (E) the fourth and the sixth
14. Which one of the following must be true?
- (A) The second load is stone.
 - (B) The first and second loads are the same material.
 - (C) The second and third loads are different materials.
 - (D) At least two loads of mulch are hauled consecutively.
 - (E) At least three loads of stone are hauled consecutively.
15. If the third load is mulch, which one of the following must be true?
- (A) The sixth load is a different material than the seventh load.
 - (B) The first load is a different material than the second load.
 - (C) The seventh load is mulch.
 - (D) The sixth load is mulch.
 - (E) The first load is stone.
16. If the cargo bed is cleaned exactly twice, which one of the following must be true?
- (A) The second load is stone.
 - (B) The third load is mulch.
 - (C) The third load is stone.
 - (D) The sixth load is mulch.
 - (E) The seventh load is mulch.
17. If no more than two loads of the same material are hauled consecutively, then which one of the following could be true?
- (A) The first load is stone.
 - (B) The fourth load is stone.
 - (C) The third load is mulch.
 - (D) The sixth load is mulch.
 - (E) The seventh load is mulch.

GO ON TO THE NEXT PAGE.

Questions 18–23

A travel magazine has hired six interns—Farber, Gombarick, Hall, Jackson, Kanze, and Lha—to assist in covering three stories—Romania, Spain, and Tuscany. Each intern will be trained either as a photographer’s assistant or as a writer’s assistant. Each story is assigned a team of two interns—one photographer’s assistant and one writer’s assistant—in accordance with the following conditions:

Gombarick and Lha will be trained in the same field.
Farber and Kanze will be trained in different fields.
Hall will be trained as a photographer’s assistant.
Jackson is assigned to Tuscany.
Kanze is not assigned to Spain.

18. Which one of the following could be an acceptable assignment of photographer’s assistants to stories?
(A) Romania: Farber
Spain: Hall
Tuscany: Jackson
(B) Romania: Gombarick
Spain: Hall
Tuscany: Farber
(C) Romania: Gombarick
Spain: Hall
Tuscany: Lha
(D) Romania: Gombarick
Spain: Lha
Tuscany: Kanze
(E) Romania: Hall
Spain: Kanze
Tuscany: Jackson
19. If Farber is assigned to Romania, then which one of the following must be true?
(A) Gombarick is assigned to Spain.
(B) Hall is assigned to Spain.
(C) Kanze is assigned to Tuscany.
(D) Lha is assigned to Spain.
(E) Lha is assigned to Tuscany.
20. If Farber and Hall are assigned to the same story as each other, then which one of the following could be true?
(A) Farber is assigned to Tuscany.
(B) Gombarick is assigned to Romania.
(C) Hall is assigned to Romania.
(D) Kanze is assigned to Tuscany.
(E) Lha is assigned to Spain.
21. If Farber is a writer’s assistant, then which one of the following pairs could be the team of interns assigned to Romania?
(A) Farber and Gombarick
(B) Gombarick and Hall
(C) Hall and Kanze
(D) Kanze and Lha
(E) Lha and Hall
22. If Gombarick and Kanze are assigned to the same story as each other, then which one of the following could be true?
(A) Farber is assigned to Romania.
(B) Gombarick is assigned to Spain.
(C) Hall is assigned to Romania.
(D) Kanze is assigned to Tuscany.
(E) Lha is assigned to Spain.
23. Which one of the following interns CANNOT be assigned to Tuscany?
(A) Farber
(B) Gombarick
(C) Hall
(D) Kanze
(E) Lha

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.