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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 1–5

A realtor will show a prospective buyer seven houses—J, K, L, M, N, O, and P—during a single day. The first and second houses to be shown will be shown in the morning; the third, fourth, and fifth houses to be shown will be shown in the afternoon; the sixth and seventh houses to be shown will be shown in the evening. The houses will be shown according to the following rules:

J must be shown in the evening.

K cannot be shown in the morning.

L must be shown at some time after K is shown and at some time before M is shown.

1. Which one of the following could be the order, from first through seventh, in which the realtor shows the houses?

- (A) K, O, L, M, N, J, P
- (B) N, L, P, K, M, O, J
- (C) O, P, K, L, N, M, J
- (D) O, P, M, N, K, L, J
- (E) P, O, K, J, L, N, M

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2. Which one of the following is a pair of houses that CANNOT be shown consecutively in either order?
- (A) J, K
 - (B) J, M
 - (C) J, O
 - (D) J, P
 - (E) M, P
3. Which one of the following must be true?
- (A) K is shown in the evening.
 - (B) L is shown in the afternoon.
 - (C) L is shown in the evening.
 - (D) M is shown in the morning.
 - (E) M is shown in the afternoon.

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4. Which one of the following could be true?
- (A) K is shown at some time after J is shown.
 - (B) L is shown at some time after J is shown.
 - (C) P is shown at some time after J is shown.
 - (D) Both N and O are shown at some time after M is shown.
 - (E) Both N and P are shown at some time after K is shown.
5. If P is shown in the afternoon, which one of the following must be true?
- (A) J is shown seventh.
 - (B) K is shown third.
 - (C) N is shown first.
 - (D) M is shown in the afternoon.
 - (E) O is shown in the morning.

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