

SECTION III

Time—35 minutes

22 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

In the course of one month Garibaldi has exactly seven different meetings. Each of her meetings is with exactly one of five foreign dignitaries: Fuentes, Matsuba, Rhee, Soleimani, or Tbahi. The following constraints govern Garibaldi's meetings:

She has exactly three meetings with Fuentes, and exactly one with each of the other dignitaries.

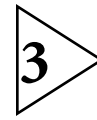
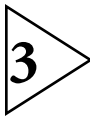
She does not have any meetings in a row with Fuentes.

Her meeting with Soleimani is the very next one after her meeting with Tbahi.

Neither the first nor last of her meetings is with Matsuba.

1. Which one of the following could be the sequence of the meetings Garibaldi has with the dignitaries?
 - (A) Fuentes, Rhee, Tbahi, Soleimani, Fuentes, Matsuba, Rhee
 - (B) Fuentes, Tbahi, Soleimani, Matsuba, Fuentes, Fuentes, Rhee
 - (C) Fuentes, Rhee, Fuentes, Matsuba, Fuentes, Tbahi, Soleimani
 - (D) Fuentes, Tbahi, Matsuba, Fuentes, Soleimani, Rhee, Fuentes
 - (E) Fuentes, Tbahi, Soleimani, Fuentes, Rhee, Fuentes, Matsuba
2. If Garibaldi's last meeting is with Rhee, then which one of the following could be true?
 - (A) Garibaldi's second meeting is with Soleimani.
 - (B) Garibaldi's third meeting is with Matsuba.
 - (C) Garibaldi's fourth meeting is with Soleimani.
 - (D) Garibaldi's fifth meeting is with Matsuba.
 - (E) Garibaldi's sixth meeting is with Soleimani.
3. If Garibaldi's second meeting is with Fuentes, then which one of the following is a complete and accurate list of the dignitaries with any one of whom Garibaldi's fourth meeting could be?
 - (A) Fuentes, Soleimani, Rhee
 - (B) Matsuba, Rhee, Tbahi
 - (C) Matsuba, Soleimani
 - (D) Rhee, Tbahi
 - (E) Fuentes, Soleimani
4. If Garibaldi's meeting with Rhee is the very next one after Garibaldi's meeting with Soleimani, then which one of the following must be true?
 - (A) Garibaldi's third meeting is with Fuentes.
 - (B) Garibaldi's fourth meeting is with Rhee.
 - (C) Garibaldi's fifth meeting is with Fuentes.
 - (D) Garibaldi's sixth meeting is with Rhee.
 - (E) Garibaldi's seventh meeting is with Fuentes.
5. If Garibaldi's first meeting is with Tbahi, then Garibaldi's meeting with Rhee could be the
 - (A) second meeting
 - (B) third meeting
 - (C) fifth meeting
 - (D) sixth meeting
 - (E) seventh meeting
6. If Garibaldi's meeting with Matsuba is the very next meeting after Garibaldi's meeting with Rhee, then with which one of the following dignitaries must Garibaldi's fourth meeting be?
 - (A) Fuentes
 - (B) Matsuba
 - (C) Rhee
 - (D) Soleimani
 - (E) Tbahi

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Questions 7–12

During a certain week, an animal shelter places exactly six dogs—a greyhound, a husky, a keeshond, a Labrador retriever, a poodle, and a schnauzer—with new owners.

Two are placed on Monday, two on Tuesday, and the remaining two on Wednesday, consistent with the following conditions:

The Labrador retriever is placed on the same day as the poodle.

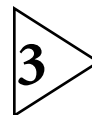
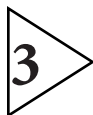
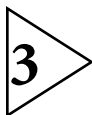
The greyhound is not placed on the same day as the husky.

If the keeshond is placed on Monday, the greyhound is placed on Tuesday.

If the schnauzer is placed on Wednesday, the husky is placed on Tuesday.

7. Which one of the following could be a complete and accurate matching of dogs to the days on which they are placed?
 - (A) Monday: greyhound, Labrador retriever
Tuesday: husky, poodle
Wednesday: keeshond, schnauzer
 - (B) Monday: greyhound, keeshond
Tuesday: Labrador retriever, poodle
Wednesday: husky, schnauzer
 - (C) Monday: keeshond, schnauzer
Tuesday: greyhound, husky
Wednesday: Labrador retriever, poodle
 - (D) Monday: Labrador retriever, poodle
Tuesday: greyhound, keeshond
Wednesday: husky, schnauzer
 - (E) Monday: Labrador retriever, poodle
Tuesday: husky, keeshond
Wednesday: greyhound, schnauzer
8. Which one of the following must be true?
 - (A) The keeshond is not placed on the same day as the greyhound.
 - (B) The keeshond is not placed on the same day as the schnauzer.
 - (C) The schnauzer is not placed on the same day as the husky.
 - (D) The greyhound is placed on the same day as the schnauzer.
 - (E) The husky is placed on the same day as the keeshond.
9. If the poodle is placed on Tuesday, then which one of the following could be true?
 - (A) The greyhound is placed on Monday.
 - (B) The keeshond is placed on Monday.
 - (C) The Labrador retriever is placed on Monday.
 - (D) The husky is placed on Tuesday.
 - (E) The schnauzer is placed on Wednesday.
10. If the greyhound is placed on the same day as the keeshond, then which one of the following must be true?
 - (A) The husky is placed on Monday.
 - (B) The Labrador retriever is placed on Monday.
 - (C) The keeshond is placed on Tuesday.
 - (D) The poodle is not placed on Wednesday.
 - (E) The schnauzer is not placed on Wednesday.
11. If the husky is placed the day before the schnauzer, then which one of the following CANNOT be true?
 - (A) The husky is placed on Monday.
 - (B) The keeshond is placed on Monday.
 - (C) The greyhound is placed on Tuesday.
 - (D) The poodle is placed on Tuesday.
 - (E) The poodle is placed on Wednesday.
12. If the greyhound is placed the day before the poodle, then which one of the following CANNOT be placed on Tuesday?
 - (A) the husky
 - (B) the keeshond
 - (C) the Labrador retriever
 - (D) the poodle
 - (E) the schnauzer

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Questions 13–17

A tour group plans to visit exactly five archaeological sites. Each site was discovered by exactly one of the following archaeologists—Ferrara, Gallagher, Oliphant—and each dates from the eighth, ninth, or tenth century (A.D.). The tour must satisfy the following conditions:

The site visited second dates from the ninth century.

Neither the site visited fourth nor the site visited fifth was discovered by Oliphant.

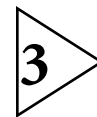
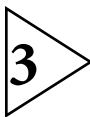
Exactly one of the sites was discovered by Gallagher, and it dates from the tenth century.

If a site dates from the eighth century, it was discovered by Oliphant.

The site visited third dates from a more recent century than does either the site visited first or that visited fourth.

13. Which one of the following could be an accurate list of the discoverers of the five sites, listed in the order in which the sites are visited?
 - (A) Oliphant, Oliphant, Gallagher, Oliphant, Ferrara
 - (B) Gallagher, Oliphant, Ferrara, Ferrara, Ferrara
 - (C) Oliphant, Gallagher, Oliphant, Ferrara, Ferrara
 - (D) Oliphant, Oliphant, Gallagher, Ferrara, Gallagher
 - (E) Ferrara, Oliphant, Gallagher, Ferrara, Ferrara
14. If exactly one of the five sites the tour group visits dates from the tenth century, then which one of the following CANNOT be a site that was discovered by Ferrara?
 - (A) the site visited first
 - (B) the site visited second
 - (C) the site visited third
 - (D) the site visited fourth
 - (E) the site visited fifth
15. Which one of the following could be a site that dates from the eighth century?
 - (A) the site visited first
 - (B) the site visited second
 - (C) the site visited third
 - (D) the site visited fourth
 - (E) the site visited fifth
16. Which one of the following is a complete and accurate list of the sites each of which CANNOT be the site discovered by Gallagher?
 - (A) third, fourth, fifth
 - (B) second, third, fourth
 - (C) first, fourth, fifth
 - (D) first, second, fifth
 - (E) first, second, fourth
17. The tour group could visit at most how many sites that were discovered by Ferrara?
 - (A) one
 - (B) two
 - (C) three
 - (D) four
 - (E) five

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Questions 18–22

Each day of a five-day workweek (Monday through Friday), Anastasia parks for the entire day in exactly one of three downtown parking lots—X, Y, and Z. One of the lots costs \$10 for the day, another costs \$12, and the other costs \$15. Anastasia parks in each of the three lots at least once during her workweek. The following conditions must apply:

On Thursday, Anastasia parks in the \$15 lot.

Lot X costs more than lot Z.

The lot Anastasia parks in on Wednesday costs more than the one she parks in on Friday.

Anastasia parks in lot Z on more days of the workweek than she parks in lot X.

18. Which one of the following could be a complete and accurate list of which lot Anastasia parks in each day, listed in order from Monday through Friday?
- (A) Y, Z, X, Y, Z
 (B) Y, Z, Z, Y, X
 (C) Z, Z, X, X, Y
 (D) Z, Z, X, X, Z
 (E) Z, Z, X, Z, Y
19. Anastasia CANNOT park in the \$15 lot on which one of the following days?
- (A) Monday
 (B) Tuesday
 (C) Wednesday
 (D) Thursday
 (E) Friday
20. If lot Z is the \$12 lot, then on which one of the following days must Anastasia park in lot Y?
- (A) Monday
 (B) Tuesday
 (C) Wednesday
 (D) Thursday
 (E) Friday
21. Anastasia CANNOT park in lot Z on which one of the following days?
- (A) Monday
 (B) Tuesday
 (C) Wednesday
 (D) Thursday
 (E) Friday
22. Which one of the following could be a complete and accurate list of the days on which Anastasia parks in the \$10 lot?
- (A) Monday
 (B) Tuesday
 (C) Monday, Tuesday
 (D) Monday, Wednesday
 (E) Monday, Thursday

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.