

## **REASONING**

### **Directions for questions 1 to 5:**

Read the following information and answer the question that follows.

- I. There are six students (A, B, C, D, E and F) in a group. Each student (tenant for only three choices out of the six which are music, reading, painting, badminton, cricket and tennis.
- II. A, C and F like reading.
- III. D does not like badminton but likes music.
- IV. Both B and E like painting and music.
- V. A and D do not like painting, but they like cricket.
- VI. All students, except one, like badminton.
- VII. Two students like tennis.
- VIII. F does not like cricket, music, and tennis.

- 1. Which pair of students has the same combination of choices?
  - a. A and C
  - b. C and D
  - c. B and E
  - d. D and F
- 2. Who among the following students likes both tennis and cricket?
  - a. A and B
  - b. C
  - c. B and D
  - d. D
- 3. How many students like both painting and badminton?
  - a. 1
  - b. 2
  - c. 3
  - d. 4
- 4. Who among the following do not like music?
  - a. A, C and D
  - b. A, B and C
  - c. A, C and F
  - d. B, D and F
- 5. Which of the following is the most popular choice?
  - a. Tennis
  - b. Badminton
  - c. Reading
  - d. Painting

### **Directions for questions 6 to 10:**

Read the following information carefully and answer the questions that follow.

- I. Eight persons E, F, G, H, I, J, K and L are sitting around a square table — two on each side.
- II. There are three lady members, and they are not sitting next to each other.
- III. J is between L and F.
- IV. G is between I and F.
- V. H, a lady member, is sitting second to the left of J.
- VI. L, a male member, is sitting opposite E, a lady member.
- VII. There is a lady member between F and I.

6. Who among the following is sitting between E and H?
  - a. F
  - b. I
  - c. J
  - d. None of these
7. How many persons are sitting between K and F?
  - a. One
  - b. Two
  - c. Three
  - d. Cannot be determined
8. Which among the following constitutes a group of three lady members?
  - a. E, G and J
  - b. E, H, and J
  - c. G, H and J
  - d. Cannot be determined
9. Who among the following is sitting to the immediate left of F?
  - a. G
  - b. I
  - c. J
  - d. Cannot be determined
10. Which of the following is true about J?
  - a. J is a male member.
  - b. J is a female member.
  - c. Sex of J cannot be determined.
  - d. Position of J cannot be determined.

**Directions for questions 11 to 13:**

These questions are based on the following data.

In 'Yes-No' country, people always make two statements, while replying to any question. One of the statements is always true and another one is always false, in any order. One day I met three people - Kumar, Anil and Sunil of 'Yes-No' country. Each of them likes different car amongst BMW, Ferrari, and Scorpio. When each was asked 'Which car do you like?', following were their replies.

Kumar : I like BMW.

Anil likes Ferrari.

Anil : Sunil likes Ferrari.

I like BMW.

Sunil : I like BMW.

: Anil likes Scorpio.

11. Who likes BMW?
  - a. Kumar
  - b. Sunil
  - c. Anil
  - d. Cannot be determined
12. Who likes Ferrari?
  - a. Kumar
  - b. Sunil
  - c. Anil
  - d. None of the above
13. Which car does Anil like?

- a. BMW
- b. Ferrari
- c. Scorpio
- d. Cannot be determined

**Direction for questions 14 to 16:**

These questions are based on the following data.

In a club there are 180 members. For every 8 members who like Delhi, there are 4 members who like Mumbai. For every 20 members who like Delhi, there are 10 members who like both Delhi and Mumbai and 10 members like neither Delhi nor Mumbai.

14. How many members like both Delhi and Mumbai?
  - a. 80
  - b. 60
  - c. 100
  - d. 40
15. How many members do not like any of the two cities?
  - a. 100
  - b. 80
  - c. 40
  - d. 60
16. How many members like Delhi only?
  - a. 80
  - b. 100
  - c. 60
  - d. 120

**Directions for questions 17 to 19:**

Given in each question below are 2 statements followed by two conclusions numbered I and II. Decide which of the two conclusions follow logically from the two given statements.

Make your answer:

- 1) If only conclusion (I) follows
- 2) If only conclusion (II) follows
- 3) If both (I) and (II) follows; and
- 4) If neither (I) nor (II) follows

17. Statements : All boys are flamboyant.  
:No flamboyant is intelligent.  
Conclusion : (I) No boy is intelligent.  
: (II) Some intelligent are boys.
18. Statements : All ascetics are altruist.  
: Some priests are not altruist.  
Conclusion : (I) some ascetics are priests.  
: (II)Some priests are not ascetics.
19. Statements : All flowers are rotten.  
: All fruits are rotten.  
Conclusion : (I) All flowers are fruits.  
: (II) Some fruits are not flowers.

**Directions for questions 20 and 21:**

Each question below consists of a main statement followed by four numbered statements. From the numbered statements select the one that logically follows the main statement.

20. If Sachin is selected, then he will earn millions of dollars.
- 1) Sachin is not selected; implies he is earning millions of dollars.
  - 2) Sachin is selected; implies he is earning millions of dollars.
  - 3) Sachin is not selected; implies he is not earning millions of dollars.
  - 4) Both 2 and 3.
21. Unless Raman goes to Germany, Ravinder will reside in India.
- 1) Ravinder is residing in India, implies Raman went to Germany.
  - 2) Raman didn't go to Germany, implies Ravinder is not residing in India.
  - 3) Raman didn't go to Germany, implies Ravinder is residing in India.
  - 4) Both 1 and 2.

**Directions for questions 22 to 25:**

Answer the question independently.

22. Find the odd one out which does not share a common characteristic with the other three.
- a. 121
  - b. 169
  - c. 225
  - d. 361
23. In a certain code language, if the word 'TRIANGLE' is coded at 'SSHBMHKF', then what will be the code for 'SQUARE' in that language.
- a. RRIASF
  - b. RPBVSF
  - c. RRTBQF
  - d. RPBBSD
24. Krishna walk 40m towards North. Then after turning right, he walks 60m. Then he turns right and walks 70 m. After that he turns left and walk 30m. Then he again turns left and walk 30m. Then he again turns left and walk 30m. At what distance and in which direction is he from his original position.
- a. 60m, East
  - b. 90m, East
  - c. 60m, North
  - d. 30m, West
25. If today is Monday, which day of the week will it be after exactly one year.
- a. Tuesday
  - b. Wednesday
  - c. Monday
  - d. Either 1 or 2