STATEMENT ANALYSIS

EXERCISE

1. Among five friends, A is heavier than B; C is lighter than D; B is lighter than D but heavier than E. Who among them is the heaviest?
   - (*a*) B
   - (*b*) C
   - (*c*) A
   - (*d*) Can't say

2. Pune is bigger than Jhansi, Sitapur is bigger than Chittor. Raigarh is not as big as Jhansi, but is bigger than Sitapur. Chittor is not as big as Sitapur. Which is the smallest?
   - (*a*) Jhansi
   - (*b*) Pune
   - (*c*) Chittor
   - (*d*) Sitapur

3. Ajay works more than Ram. Alok works as much as Raju. Pankaj works less than Alok. Ram works more than Alok. Who works the most of all?
   - (*a*) Ajay
   - (*b*) Ram
   - (*c*) Alok
   - (*d*) Raju

4. Among five friends P, Q, R, S and T, who is the youngest? To arrive at the answer which of the following information given in the statements (A) and (B) is sufficient?
   (A) R is younger than P and T.
   (B) S is younger than Q.
   - (*a*) Only A alone is sufficient
   - (*b*) Either A or B is sufficient
   - (*c*) Both A and B together are needed
   - (*d*) Both A and B together are not sufficient

5. A is elder to B while C and D are elder to E who lies between A and B. If C be elder to B, which one of the following statements is necessarily true?
   - (*a*) E is elder to B
   - (*b*) A is elder to C
   - (*c*) C is elder to D
   - (*d*) D is elder to C

6. Suresh is as much older than Kamal as he is younger than Prabodh. Navin is as old as Kamal. Which of the following statements is wrong?
   - (*a*) Suresh is older than Navin
   - (*b*) Kamal is younger than Suresh
   - (*c*) Prabodh is not the oldest
   - (*d*) Navin is younger than Prabodh

Directions (Qs. 7 to 9) : *Ram, Sohan and Mohan play football, hockey and cricket. Ram, Ramesh and Mohan play hockey, cricket and basketball. Ram, Sohan, Rahim and Mohan play football and cricket. Now answer the following questions based on the above statements :*

7. Which game is played by all the boys?
   - (*a*) Football
   - (*b*) Hockey
   - (*c*) Cricket
   - (*d*) Basketball

8. Which two boys play all the games?
   - (*a*) Ram, Sohan
   - (*b*) Ram, Ramesh
   - (*c*) Sohan, Mohan
   - (*d*) Ram, Mohan

9. Who does not play football?
   - (*a*) Ramesh
   - (*b*) Sohan
   - (*c*) Rahim
   - (*d*) Mohan

Directions (Qs. 10 to 12) : *Read the following directions and answer the questions given below :*

There are five persons in a group. Out of these two are men. Only three persons know swimming, of

which one is a man. There is a couple, of which the husband knows swimming. A is the younger sister of D and B is the husband of E. C is a swimming champion.

10. Who is the other man in the group?
(*a*) C   (*b*) B
(*c*) A   (*d*) D

11. The two women who know how to swim are:
(*a*) A and C   (*b*) C and D
(*c*) D and E   (*d*) A and E

12. The two persons who do not know how to swim are :
(*a*) B and D   (*b*) D and E
(*c*) A and E   (*d*) A and D

Directions (Qs. 13 to 15) : *Read the following statements and answer the questions given below :*
Rajat, Sushil and Nagesh play football, hockey and cricket. Rajat, Ramu and Nagesh play hockey, cricket and basketball. Rajat, Sushil, Mayank and Nagesh play football and cricket.

13. Which game is played by all the boys?
(*a*) Hockey   (*b*) Basketball
(*c*) Football   (*d*) Cricket

14. Who does not play football?
(*a*) Rajat   (*b*) Nagesh
(*c*) Sushil   (*d*) Ramu

15. Which of the following two boys play all the games?
(*a*) Nagesh, Rajat   (*b*) Mayank, Ramu
(*c*) Ramu, Nagesh   (*d*) Sushil, Mayank

EXPLANATORY ANSWERS

1. (d) : The five friends in descending order of weight are : A/D, B/C, E or A/D, B, C/E. Either A or D is the heaviest.

2. (c) : The order of cities in descending order of size is : Pune, Jhansi, Raigarh, Sitapur, Chittor.

3. (a) : On the basis of doing work, the descending order will be : Ajay, Ram, Alok/Raju, Pankaj.

4. (d) : Statements are not inter-related.

5. (a) : The order in descending seniority will be : A/C/D, E, B.

6. (c) : On the basis of age the descending order will be : Prabodh, Suresh, Kamal/Navin.

Chart for Answers 7 to 9

Boy	Games Played
Ram	Football, Hocky, Cricket, Basketball
Sohan	Football, Hockey, Cricket
Mohan	Football, Hockey, Cricket, Basketball
Ramesh	Hockey, Cricket, Basketball
Rahim	Football, Cricket.

7. (c)   8. (d)   9. (a)

For Answers 10 to 12 the information chart will be :

A. Woman ((younger sister of D); knows swimming.

B. Man (husband of E); knows swimming

C. Woman; Swimming champion

D. Man (brother of A)

E. Woman (wife of B)

From the couple B & E, B (husband) knows swimming. C is a swimming champion. Three persons know how to swim of which only B is a man. So, the two women who know how to swim are C and A (the younger sister of D). There are two men in the group of five. One is B and the other will be D.

10. (d)   11. (a)   12. (b)

Chart for Answers 13 to 15

Boy	Games Played
Rajat	— Football, Hockey, Cricket, Basketball
Sushil	— Football, Hockey, Cricket, Basketball
Nagesh	— Football, Hockey, Cricket, Basketball
Ramu	— Hockey, Cricket, Basketball
Mayank	— Football, Cricket

13. (d)   14. (d)   15. (a)