DIRECTION & SENSE

1. Of the five villages P, Q, R, S and T are situated close to each other, P is to the west of Q, R is to the south of P. T is to the north of Q, and S is to the east of T. Then, R is in which direction to S?
(a) North-West   (b) South-East   (c) South-West   (d) Data Inadequate

2. M is to the East of D, F is to the South of D and K is to the West of F. M is in which direction to K?
(a) South-West   (b) North-West   (c) North-East   (d) South-East

3. After 4 pm on a sunny day when Ramesh was returning from his school, he saw his uncle coming in the opposite direction. His uncle talked to him for some time. Ramesh saw that the shadow of his uncle was to his right side. Which direction was his uncle facing during their talk?
(a) North   (b) South   (0) East   (d) Data inadequate

4. Q travels towards the East. M travels towards the North. S and T travel in opposite directions. T travels towards the right of Q. Which of the following is definitely true?
(a) M and S travel in opposite directions.   (b) S travels towards the West.
(c) T travels towards the North.   (d) M and S travel in the same direction.

5. One afternoon, Manisha and Madhuri were talking to each other face-to-face in Bhopal on M.G. Road. If Manisha's shadow was exactly to the left of Madhuri, which direction was Manisha facing?
(a) North   (b) South   (c) East   (d) Data inadequate

6. One morning after sunrise, Gopal was facing a pole. The shadow of the pole fell exactly to his right. Which direction was he facing?
(a) South   (b) East   (c) West   (d) Data inadequate

7. A boy rode his bicycle northwards, then turned left and rode one km and again turned left and rode 2 km. He found himself exactly one km west of his starting point. How far did he ride northwards initially?
(a) 1 km   (b) 2km   (c) 3 km   (d) 5 km.

8. Ravi wants to go to the university which is opposite to theatre. He starts from his home which is in the East and comes to a crossing. The road to the left ends is a theatre, and straight ahead is the hospital- In which direction is the university?
(a) North   (b) South   (c) East   (d) West

9. . If the South-east becomes North, the North-east becomes west and so on, what will the West become?
(a) North-east   (b) North-west   (c) South-east   (d) South-west

10. A clock is so placed that at noon its minute hand points towards the north-east. In which direction does its hour hand point at 1:30 pm?
(a) North   (b) South   (c) East   (d) West

11. One evening before sunset two friends Sumit and Mohit were talking to each other face to face. If Mohit's shadow was exactly to his right side, which direction was Sumit facing?
(a) North   (b) South   (c) West   (d) Data inadequate

ORDER & RANKING

Direction (1-3): Study the following information carefully and answer the question given below:

Six disks viz. T, U, V, W, X, and Y have different volumes. Y is heavier than at least three disks. X is just lighter than V but just heavier than T. Neither U nor W has the volume adjacent to Y.

1) If only one disk has the volume between X and W, then how many disks are heavier than U?
A. Four   B. Three   C. Five   D. Two   E. None of these

2) Which of the following desks is the second heaviest?
A.Y   B.X   C.W   D.U   E.V

3) If disk T is 31cm and W is 28cm then what could be the volume of U?
A. 26cm   B. 29cm   C. 32cm   D. 27cm

Direction (4-5): Study the following information carefully and answer the below questions

In the class, V gets the fifth rank from the top. Only one person is ranked between V and N. Q gets the 8th rank from the bottom. S gets two ranks after Q. Only three persons are ranked between V and Q. N gets exactly in the middle rank of V and Q. L is the top scorer.

4) What is the rank of N from the bottom?
A. Eleventh   B. Sixth   C. Seventh   D. Ninth   E. Tenth

5) How many students are ranked between L and Q?
A. Six   B. Seven   C. Five   D. Four   E. Three

6) In a row of persons. A is 12th from the left corner and B is 17th from Right Corner. If 3 persons are there between A & B then find the total number of persons.
A. 32   B. Either 30 or 25   C. 24   D. Either 32 or 24

7) Mohan and Suresh study in the same class. Mohan has secured more marks than Suresh in the terminal examination Suresh's rank is seventh from top among all the students in the class. Which of the following is definitely true?
(a) Mohan stood first in the terminal examination.
(b) There is at least one student between Mohan and Suresh in the rank list.
(c) There are at the most five students between Mohan and Suresh in the rank list.
(d) Suresh is five ranks lower than Mohan in the rank list.

8) Fifteen children are standing in a row facing north. Ravi is to the immediate left of Prabha and is eighth from the left end. Arjun is second from the right end. Which of the following statements is not true?
(a) Prabha is 7th from the right end.   (b) There are four children between Prabha and Arjun.
(c) There are five children between Ravi and Arjun.   (d) Arjun is 13th from the left end.

Directions (9-11): Study the following information and answer the given questions:
There are six students, Q, R, S, T, and U in a class. Each one has a different number of candies. S have less number of candies than only two students. P has more candies than R but less than U. R does not have the least number of candies. S does not have an odd number of candies. U has fewer candies than Q. The one who has the third-lowest number of candies has 21 candies.

9. Who among the following has the highest number of candies?
(a) Q   (b) U   (c) R   (d) S   (e) None of these

10. If U have 48 candies, then what is the possible number of candies S have?
(a) 45   (b) 19   (c) 38   (d) 25   (e) None of these

11. Who among the following has the third lowest number of candies?
(a) U   (b) R   (c) S   (d) P   (e) None of these

TEST

1. One morning after sunrise, Reeta and Kavita were talking to each other face-to-face at Tilak Square. If Kavita's shadow was Exactly to the right to Reeta, which direction Kavita was facing
(a) North   (b) South   (c) East   (d) Data inadequate

2. I am facing east. I turn 100° in the clockwise direction and then 145° in the anticlockwise direction. Which direction am I facing now?
(a) East   (b) North-east   (c) North   (d) South-west

3. A man is facing north-west. He turns 90° in the clockwise direction, then 180° in the anticlockwise direction and then another 90° in the same direction. Which direction is he facing now?
(a) South   (b) South-west   (c) West   (d) South-east

4. From my house I walked 5 km North. I turned right and walked 3 km. Again, I went one km to the south How much do I need to travel to reach my house by a faster route?
(a) 7km   (b) 6km   (c) 4km   (d) 5km

5. If a person is walking towards the North, what direction should he follow so that he is walking towards the West?
(a) right, right, left   (b) left, right, right   (c) left, right, left   (d) left, left, left

6. In a row of Boys, Prabhas is 15th from the left and Kartik is 23rd from the right. If they interchange their positions, then Prabhas becomes 18th from the left. Then at what position will Kartik be from the right?
(a) 23   (b) 24   (c) 25   (d) 26

Direction (7-8): Study the following information carefully and answer the question given below:
Eight persons namely P, Q, R, S, T, U, V and W have different weights. Only two persons are heavier than P who is lighter than Q. R is not the lightest person and Q is not the heaviest person. U is not the heaviest person. V is heavier than P. U is not heavier than P. S is heavier than R but lighter than U. W is heavier than R but lighter than U.

7) Which of the following statements is true?
A. S is the lightest person   B. Only two persons are heavier than R
C.W is the heaviest person   D.Q is heavier than V
E.T is the lightest person

8) If W is immediately lighter than U then who among the following is 3rd lightest person?
A. R   B. T   C. S   D. W   E. Q

9) In a class of 35 students, Ziya is placed 7th from the bottom whereas Sofia is placed 9th from the top. Shahrukh is placed between the two. What is Ziya's position from Shahrukh?
A. 10   B. 15   C. 19   D. 21