Reasoning paper class 8th

1. How many numbers in the series are preceded by a vowel?

    1. Four

    2. None

    3. Two

    4. One

    5. Three

Answer: (3) Two; 1 is preceded by I and 0 is preceded by E

Q 2. What is the second element from the right of 7th element from left?
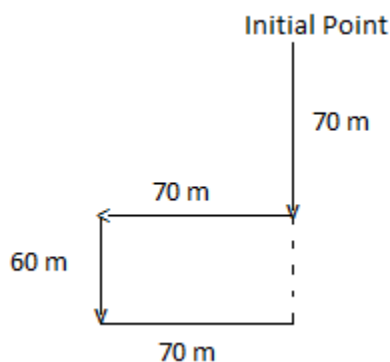
    1. K

    2. V

    3. 1

    4. 7

    5. ?

Answer: (4) 7; the Seventh element from left is 1 and 2nd element to the right of 1 is 7

Q 3. From a certain point, Smriti walks 70 m towards the south. Then, she turns to her right & starts walking straight for another 70 m. Then, again turning to her left he walks for 60 m. She then turns to her left & walks for 70 m. How far is she from the starting point?

    1. 120 m

    2. 135 m

    3. 140 m

    4. 130 m

    5. 125 m

Answer: (4) 130 m; 70+60 = 130 m

Q 4. In a row of persons, the position of Sakshi from the left side of the row is 26th and position of Sakshi from the right side of the row is 35th. Find the total number of students in the row?

1. 67

2. 32

3. 46

4. 60

5. 72

Answer: (4) 60; {26+35-1 = 61-1 = 60}

Q 5. In a certain code language, 'ANIMALS' is written as 'SLAMINA'. How is 'ONLINE' written in that code?

1. ENILNO

2. OLINEN

3. LNOINE

4. NNLOIE

5. EINONL

Answer: (1) ENILNO; The first alphabet is replaced with last alphabet, the second with second last and so on

Q 6. A family consists of six members Priya, Qureshi, Raj, Xavi, Yusuf and Zain. Qureshi is the son of Raj but Raj is not mother of Qureshi. Priya and Raj are a married couple. Yusuf is the brother of Raj. Xavi is the daughter of Priya. Zain is the brother of Priya. How many children does Priya have?

1. One

2. Two

3. Three

4. None

5. Four

Answer: (2) Two; Qureshi and Xavi are children of Priya

Directions (Q 7-Q8). Read the information given below carefully and answer the following questions:

Five friends A, B, C, D and E travelled from Tamil Nadu to five different states Uttar Pradesh, Maharashtra, Rajasthan, Karnataka and Punjab by 5 different modes of transport: Cycle, Bus, Train , Truck, and Bike. The one who travelled to Rajasthan did not travel by Bike. C went to Karnataka by Truck and B went to Maharashtra by Train. D travelled by Bike and E travelled by Bus. Tamil Nadu is not connected by Cycle to Uttar Pradesh and Rajasthan.

Q 7. What means of Transport did C use?

1. Bus

2. Cycle

3. Train

4. Truck

Answer- 4

Q 8. Which state did E travel to?

1. Rajasthan

2. Maharashtra

3. Karnataka

4. Uttar Pradesh

Answer: (1) Rajasthan

Directions (Q9-Q10): Read the information given below and answer the following questions:

Pankaj, Qasif, Rajat, Supriya, Tina, Uttkarsh, Vartika, Waseem and Zoya are sitting around a circle facing at the centre. Rajat is third to the right of Zoya who is second to the right of Pankaj. Supriya is not an immediate neighbour of Zoya and Rajat. Tina is third to the left of Supriya. Qasif is third to the right of Waseem who is not an immediate neighbour of Supriya.

Q 9. How many people are sitting between Waseem and Supriya (counted clockwise)?

1. One

2. Four

3. Five

4. Two

5. Three

Answer: (5) Three

Q 10. Who is sitting 3rd to the right of Vartika?

1. Tina

2. Pankaj

3. Qasif

4. Rajat

5. Zoya

Answer: (1) Tina