

Quiz Date: 22nd September 2020

Directions (1-5): Study the following information carefully and answer the given questions: Eight friends are sitting in a straight line equidistant from each other, but not necessarily in the same order. Each of them like some colours. Some of them are facing south while some are facing north.

More than four persons sit left of R who likes yellow colour. A sits one of the extreme end and facing north. Four persons sit between A and C. The one who likes green colour sits immediate right of R. B sits third to the right of the one who likes pink colour and second to the right of the one who likes blue colour. Two persons sit between P and Q and none of them likes green colour. D sits fourth to the left of S and immediate left of the one who likes grey colour. P likes black colour and facing south direction. R facing same direction of A and Q but opposite to C. B neither neighbour of C nor sits extreme end. Q likes white colour sits immediate right of the one who likes red colour.

Q1. Who among the following person likes pink colour?

- (a) B
- (b) Q
- (c) P
- (d) C
- (e) A

Q2. Who among the following sits third to the left of D?

- (a) The one who likes blue colour
- (b) P
- (c) The one who likes grey colour
- (d) C
- (e) B

Q3. How many persons sit between B and R?

- (a) Four
- (b) Three
- (c) Two
- (d) None
- (e) More than four

Q4. Who among the following is immediate neighbour of Q?

- (a) D
- (b) P
- (c) C
- (d) S
- (e) Both (a) and (c)

Q5. How many persons facing north direction?

- (a) One
- (b) Four

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- (c) Three
- (d) Five
- (e) Two

Directions (6-8): Study the following information carefully and answer the question given below:

A person starts walking towards north direction from point A, and walks 18m to reach at point B. From point B he takes two consecutive left turns and walks 6m and 9m respectively and reach at point D. From point D he walks in east direction and walks 12m to reach at point E, then finally takes a left turn and walks 17m to reach point F.

Q6. What is the direction of point E with respect to point A?

- (a) East
- (b) North-west
- (c) South-west
- (d) North-east
- (e) None of these

Q7. What is the shortest distance between point F to point B?

- (a) 15m
- (b) 10m
- (c) 13m
- (d) 16m
- (e) None of these

Q8. What is the direction of point D with respect to point F?

- (a) South
- (b) West
- (c) South-west
- (d) North-east
- (e) None of these

Direction (9-10): Study the following information carefully and answer the given questions.

A person walked for 3km, then took a right turn and walked 5km, then a left turn and walked 4km. and again took a right turn and walked 6km. He then took three consecutive left turns and walked 7 km, 15km and 4 km respectively.

Q9. If the person is now facing west direction, then in which direction did he started walking initially?

- (a) North
- (b) West
- (c) East
- (d) South
- (e) None of these

Q10. What is the shortest distance between the initial and final point of the person? (Apply the condition given in question number 9).

- (a) $\sqrt{41}$ km
- (b) $\sqrt{29}$ km
- (c) $3\sqrt{43}$ km
- (d) $2\sqrt{29}$ km
- (e) None of these

Q11. If all the vowels of the word 'CONFIDENCE' are replaced by its succeeding letter according to the English alphabet and all the consonant are replaced with their previous letter according to the English alphabet and then all the letters are arranged in the alphabetical order in such a way all vowels are arranged first then all consonant are arranged. Then which of the following alphabet is third from the right end?

- (a) M
- (b) J
- (c) F
- (d) B
- (e) E

Q12. If in the number 48629573, 1 is added in each prime digit, 2 is subtracted in each odd digit (other than prime numbers) and 1 is subtracted in each even digit, then all digits are arranged in ascending order within the number from left to right. Then, which of the following digit is 4th from the left end?

- (a) 8
- (b) 4
- (c) 5
- (d) 7
- (e) 6

Q13. The position of how many alphabets will remain unchanged if each of the alphabets in the word 'QUANTITATIVE' is arranged in alphabetical order from left to right?

- (a) Four
- (b) One
- (c) Two
- (d) Three
- (e) None

Q14. How many pairs of letters are there in the word "COUNSELING" each of which have as many letters between them in the word as they have between them in the English alphabetical series?

- (a) Four
- (b) One
- (c) Two
- (d) Three
- (e) More than four

Q15. If 1 is subtracted from all the even digits and 2 is added to all the odd digits in the number 6374852 then how many digits get repeated in the number thus formed?

- (a) Only 7
- (b) Only 5 and 7
- (c) 1, 5 and 7
- (d) 3, 5 and 7
- (e) None of these



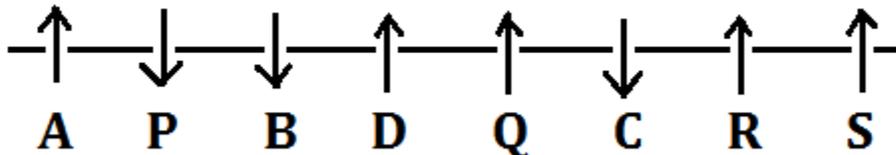
Solutions

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Solutions (1-5):

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(blue) (black) (grey) (red) (white) (pink) (yellow) (green)



S1. Ans. (d)

S2. Ans. (a)

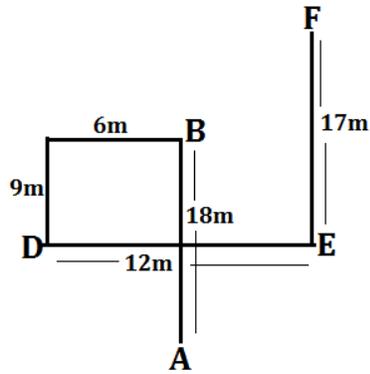
S3. Ans. (b)

S4. Ans. (e)

S5. Ans. (d)

Solutions (6-8):

Sol.



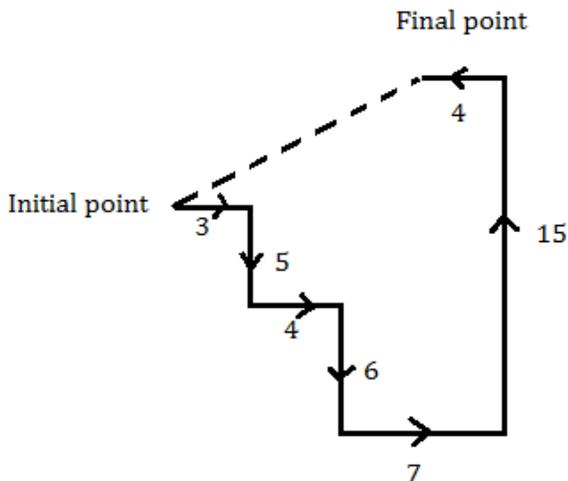
S6. Ans. (d)

S7. Ans. (b)

S8. Ans. (c)

Solutions (9-10):

Sol.



S9. Ans. (c)

S10. Ans. (d)

S11. Ans.(a)

Sol. Original word- CONFIDENCE

After applying given conditions- EBBCFFJMMP

S12. Ans.(c)

Sol. Original Number- 48629573

After applying given conditions- 33456778

S13. Ans.(b)

S14. Ans.(e)

S15. Ans. (b)

Sol. Number -- 6374852

After arrangement -- 5593771



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