Quiz Date: 6th June 2020

Directions (1-5): Study the following information carefully and answer the questions given below.

Eight students namely M, N, O, P, Q, R, S and T are sitting around a circular table facing towards the centre but not necessary in the same order. Each student study in eight different classes 8th, 3rd, 5th, 7th, 9th, 4th, 10th and 12th but not necessarily in the same order.

R sits second to the right of T and they both do not study in 10^{th} class. S does not study in 3^{rd} and 4^{th} class but sits third to the left of the person who study in 10^{th} class. O sits immediate left to the person who study in 3^{rd} class and sits opposite to the one who sits to the immediate right of T. M sits 3^{rd} to the left of P and opposite to one who study in 10^{th} class. Student study in 9^{th} class doesn't sit near to the student study in 3^{rd} class and 10^{th} class. R sits near to Q. The student who studies in 9^{th} class sits third to the left of the student, who study in 7^{th} class. M and T don't study in 12^{th} class and 4^{th} class. N doesn't sit near to the student, who study in 5^{th} class. P sits opposite to one who study in 9^{th} class.

- Q1. Who among the following student study in the 8th class?
- (a) R
- (b) S
- (c) T
- (d) 0
- (e) None of these

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- Q2. What is the position of the student, who study in 7th class with respect to the student, who study in 12th class?
- (a) Second to the left
- (b) Immediate left
- (c) Second to the right
- (d) Third to the right
- (e) Immediate right
- Q3. The student, who study in 10th class sits opposite to one, who study in?
- (a) 12th
- (b) 5th
- (c) 4th
- (d) 9th
- (e) 7th
- Q4. Which of the following statements is true?
- (a) Q sits opposite to O and study in 9th class.
- (b) R sits opposite to P and study in 4th class.
- (c) M sits opposite to Q and study in 5th class.
- (d) P study in 3rd class and sits opposite to the person who study in 9th class.
- (e) None of the above is true

- Q5. 'T' is related to '5th' in the same way as '0' is related to '8th' based on the given arrangement. Who among the following is R related to, following the same pattern?
- (a) 7th
- (b) 12th
- (c) 4th
- (d) 10th
- (e) 9th

Directions (6 -7): Study the following information carefully and answer the given questions:

Eight persons namely A, B, C, D, E, F, G and H are standing in such a way that C is 18m apart from B towards East. B is 27m North with respect to A. A is 36m towards West with respect to E. D is 45m towards north with respect to E. F is 15m apart from G towards north. H is 18m towards West with respect to G. F is 36m towards East with respect to D.

- Q6. In which direction is H standing with respect to C?
- (a) North-west
- (b) East
- (c) North-east
- (d) South-east
- (e) None of these



- Q7. What is the shortest distance between E and H?
- (a) 35m
- (b) 31m
- (c) $6\sqrt{34}$ m
- (d) $\sqrt{1225}$ m
- (e) Cannot determined

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Directions (8-12): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements.

Give answer:

- (a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
- (b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
- (c) If the data either in statement I alone or in statement II alone are sufficient to answer the question
- (d) If the data in both statements I and II even together are not sufficient to answer the question
- (e) If the data in both statements I and II together are necessary to answer the question

- Q8. Among Japanese Yen, Australian Dollar, Hong Kong Dollar and Singapore Dollar, which currency has the lowest value in terms of Indian rupees?
- I. One rupee is equal to 2.56 Japanese Yen, 0.338 Australian Dollar and 0.465 Hong Kong Dollar.
- II. Value of Australian Dollar is equal to Singapore Dollar.
- Q9. Amit, Sumit, Punit and Udit are four friends. They sit around a square table in each side and faces the centre. Which direction is Amit facing?
- I. Amit sits opposite to Punit, who is on the immediate left of Udit, who is facing west.
- II. Sumit sits opposite to Udit, who is on the immediate right of Punit, who is facing North.
- Q10. A, B, C, D, E and F are sitting in a circle, facing towards the centre of the circle. Who is sitting on the immediate left of A?
- I. A is facing D. Only C is between A and B. F is between E and A.
- II. F is on the immediate left of E. Only D is between B and E. C is not adjacent to F.
- Q11. Which of the following statement says' some boys are students'?
- I. Some students are teachers; all teachers are boys
- II. Some teachers are students; all boys are teachers
- Q12. Among M, N, O, P and R, P is taller than how many persons?
- I. O is taller than M but shorter than R, who is not taller than P.
- II. N is not the tallest but is taller than O

Directions (13-14): Study the following information to answer the given question.

Amongst five friends, P, Q, R, S and T, each bought a mobile phone for a different price. P paid more than both R and T. Only Q paid more than S. T did not pay the minimum amount. T paid Rs. 9000 for the phone.

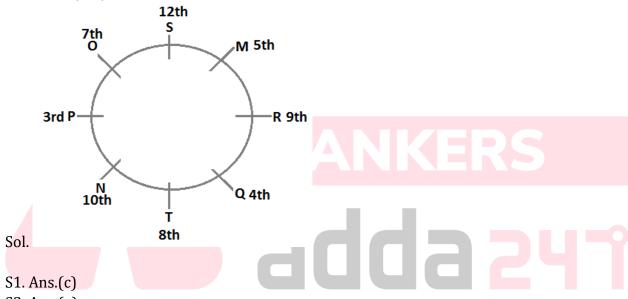
- Q13. Which of the following is true according to the given information?
- (a) Only two people paid a price less than the price paid by Q
- (b) T paid more than R and Q
- (c) No one paid more amount than that paid by R
- (d) Amongst the five friends, R is more likely to have paid Rs. 20,000 for the mobile phone
- (e) None is true
- Q14. If S paid 17000 more than the price paid by T, then which of the following could possibly the amount paid by P?
- (a) Rs. 36000
- (b) Rs. 17000
- (c) Rs. 7600
- (d) Rs. 27000
- (e) Rs. 6600

Q15. How many such pairs of letters are there in the word CRITIQUE each of which has as many letters between them as in the English alphabet?

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

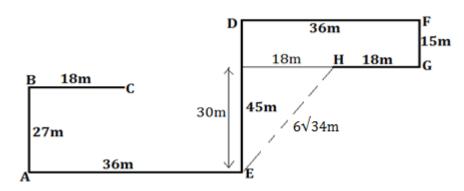
Solutions

Solutions (1-5):



- S2. Ans.(e)
- S3. Ans.(b)
- S4. Ans.(d)
- S5. Ans.(a)

Solutions (6-7):



Sol.

S6. Ans(c)

S7. Ans(c)

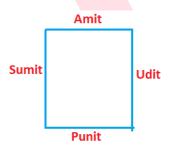
Solutions (8-12):

S8. Ans.(e)

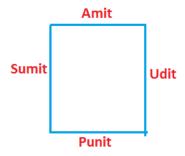
Sol. From I- Australian dollar > Hong kong dollar > Rupees > Japanese Yen From II- value of Australian dollar = value of Singapore dollar From I and II – Japanese currency has the lowest value.

S9. Ans.(c)

Sol. From I - Amit is facing south.



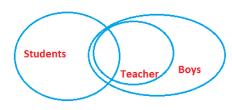
From II- Amit is also facing south.



S10. Ans. (b)

Sol. From 2nd statement we can see that C is on the immediate left of A.

S11. Ans. (a) Sol. From I



From II



So, only From I we can conclude that some boys are student.

S12. Ans.(e)

Sol. Clearly both statements I and II together are needed to answer the question and it is conclude that P is taller than four persons.

