Quiz Date: 16<sup>th</sup> November 2020

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

Eight persons i.e. A, B, C, P, Q, R, S and T are sitting in two parallel rows such that A, P, R and T are sitting in row 1 and all are facing in south direction and B, C, Q and S are sitting in the row 2 and they are faces in north direction. Person sitting in the row 1 faces the person sitting in row 2. They all are born in different years i.e. 1982, 1985, 1987, 1989, 1991, 1993, 1995 and 1999 in same date and same month (the base year is taken as 2019). All the information is not necessarily in the same order.

S sits second to the right of the one who is two years older than T. T was born after 1993. Q faces the one who sits second to the left of the one who is second oldest. The difference between the ages of Q and R is an odd number but less than 5. No one sits between R and P. P doesn't sits at the extreme end. The age of Q is a prime number. The one who is youngest faces the one who sits at the immediate right of the person whose age is multiple of 5. B is the only neighbour of C. T doesn't face Q and S. Sum of the digits of the A's age is 5. The one who is 20 years old faces south.

Q1. Who among the following sits second to the left of the one who was born in 1995?

(a) Immediate neighbour of C

(b) A

(c) The one who was born in 1999

(d) S

(e) None of these

Q2. Which among the following statement is not true?

- (a) T faces north
- (b) S and Q are immediate neighbors
- (c) B was older than S
- (d) Q sits at one of the extreme ends
- (e) All are true
- Q3. How many persons are younger than A?
- (a) Three
- (b) One
- (c) Four
- (d) Five
- (e) None

Q4. Four of the following are alike in a certain way so form a group, which of the following does not belong to that group?

- (a)B
- (b)Q
- (c)T
- (d)R
- (e)S

Q5. What is the sum of the ages of the persons who sit at the extreme ends of the row 1? (a)56 (b)55 (c)45 (d)51 (e)None of these

Directions (6-8): Study the information carefully answers the questions given below.  $\alpha$  means either hour hand or minute hand is at 7  $\infty$  means either hour hand or minute hand is at 10  $\mathbb{C}$  means either hour hand or minute hand is at 8  $\beta$  means either hour hand or minute hand is at 12  $\mathbb{R}$  means either hour hand or minute hand is at 3  $\mu$  means either hour hand or minute hand is at 5 Note: if two symbols are given then by default first symbol is consider as hour hand and second symbol is consider as minute hand.

Q6. A person takes 130 minutes to reach office from his home and he started at  $\alpha$ ® but on the way to his office he met his friend and reached office 35 minutes late. So, at what time he reached office?

(a)µβ
(b)∞β
(c)®©
(d)©β
(e)None of these

Q<mark>7. A train le</mark>aves f<mark>rom Pune sta</mark>tion to Mumbai at ®®. Usually it takes μβ hours to reach Mumbai but it halts at some station for 1hour 45 minutes. So, at what time it reaches to Mumbai?

(a)  $\alpha\beta$ (b)None of these (c)®© (d)© $\beta$ (e)  $\infty\beta$ 

Q8. One day Abha and Sabha plans to go for shopping at ©® and returned at their home after shopping at ©®. So, how much time they spend in shopping if they go for shopping in the morning and returned at home in evening?

(a) $\beta\beta$ (b) $\mathbb{C}\beta$ (c) $\mathbb{R}\mu$ (d)  $\infty\beta$ (e) None of these Q9. In which of the following expressions does the expression 'K>A' and 'Q<M' is true? (a)  $P = Q > R \ge K < S > M \le N > A$ (b)  $A > S = E < Q \ge B < M = K \le D$ (c)  $A < O > Q < H > M \ge S \ge B \le K$ (d)  $M \ge T > J \ge A = Q \le V = L < K$ (e) None of these

Directions (10-11): Study the following information carefully to answer the given questions.

A@B means A is child of B A\$ B means A is parent of B A#B means A is sibling of B A % B means A is spouse of B A&B means A is grandparent of B +A/+B represents the male member of the family -A/-B represents the female member of the family

Q10. If the statements "(+)P@S \$Q@(-)T&(-)U ; (-)V#U@(+)R%Q" holds true, then how is S related to R?

- (a) Father in law
- (b) Mother in law
- (c) Father
- (d) Mother
- (e) Sister

Q11. If the statements "(+)P@S \$Q@(-)T&(-)U ; (-)V#U@(+)R%Q" holds true, and S's age is twice of T's age , then how many members are younger than S?

- (a) Three
- (b) Five
- (c) Six
- (d) Four
- (e) None of these

Q12. Statement: Despite strong opposition, the controversial Prohibition of Forcible Conversion of Religion Bill was passed by the Tamil Nadu Assembly with the AIDMK and the BJP outvoting the combined opposition of the DMK, the Congress, the TMC and the Left parties. --A news

Assumptions: I. Conversion creates resentment among several sections and also inflames religious passions, leading to communal clashes.

II. Conversions only lead to the isolation of the converted.

III. Strong opposition has put hindrance before a bill in taking final shape.

- (a) All I, II & III
- (b) Only I & II
- (c) Only I & III
- (d) Only II & III
- (e) None of these

Directions (13-14): Study the following information carefully and answer the questions given below:

There are ten members in a family of four generation having three married couples. V is the child of T. P is uncle of N who has only one sibling. M is grandfather of S who is only child of R. O is married and older than N. V is grandson of N and has only one sibling. T is daughter-in-law of N. Q is sister of N. O is mother of N. R is grandmother of U. U is not sister of V. O has no siblings.

Q13. How is N related to R?

(a) Brother

(b) Uncle

(c) Husband

(d) Wife

(e) None of these

Q14. If O is 55 years old and S is 30 years old, then what may be the possible age of R?

(a) 29 years

(b) 45 years

- (c) 58 years
- (d) Cant' be determined
- (e) None of these

Q15. How many such numerals are there in the number '1849362476429' which will remain at the same position when arranged in ascending order from right to left?

(a) Three

(b) One

- (c) Two
- (d) Four
- (e) None of these



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40 TOTAL TESTS

Solutions

Solutions (1-5): Sol.



S1. Ans.(c)

S2. Ans.(a)

S3. Ans.(d)

S4. Ans.(b)

S5. Ans.(a)

Solutions (6-8):

S6. Ans.(b)

Sol. A person takes 130 minutes to reach office from his home which means takes 2hr10min and he started at  $\alpha$ ® which means at 7:15. So, he reaches office at 9:25 but on the way to his office he met his friend and reached office 35 minutes late so, he reaches office at 10:00 i.e.  $\infty\beta$ .

## S7. Ans.(e)

Sol. A train leaves from Pune station to Mumbai at **B** which means at 3:15. Usually it takes  $\mu\beta$  to reach Mumbai which means it takes 5 hours to reach Mumbai. So, the time it reaches to Mumbai is 8:15 i.e. but it halts at some station for 1 hour 45 minutes. So, at 10:00 i.e.  $\infty\beta$  it reaches to Mumbai.

## S8. Ans.(a)

Sol. Abha and Sabha plans to go for shopping at  $\mathbb{C}$  i.e. 8:15 and returned at their home after shopping at  $\mathbb{C}$  i.e. 8:15. So 12:00 hours they spend in shopping if they go for shopping in the morning and returned at home in evening.

S9. Ans.(d)

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Solutions (10-11):
S10. Ans.(a)
Sol.
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S11. Ans.(c) Sol.



## S12. Ans.(c)

Sol. III is implicit. Note that the statement is a piece of news. What the journalist assumes about the conversion and its impact can't be explicitly said. But the words "despite strong opposition" indicate that the journalist must be assuming III. I also follows as it is given that despite strong opposition, the controversial prohibition of forcible conversion of regional bill was passed by Tamil Nadu assembly.

Solutions (13-14): S13. Ans.(c)

Sol.

$$P(+) - (+) M = O(-)$$

$$|$$

$$Q(-) - (+) N = R(-)$$

$$|$$

$$S(+) = T(-)$$

$$|$$

$$V(+) - U(+)$$

S14. Ans.(b)

$$P(+) - (+) M = O(-) 55$$

$$| \\Q(-) - (+) N = R(-)$$

$$| \\30 S(+) = T(-)$$

$$| \\V(+) - U(+)$$

Sol.

S15. Ans. (a) Sol.

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\begin{array}{c}1&8&4&9&3&6&2&4&7&6&4&2\,9\\9&9&8&7&6&6&4&4&4&3&2&2\,1\end{array}
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