

Quiz Date: 1st December 2020

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

Eight persons are sitting around a circular table. Four of them faces towards centre while the rest of them faces opposite to centre. Each of them was born in a different month of the same year starting from May to December but not necessarily in the same order. T was born in June. S who is the second youngest sits opposite to P. The persons who were born in October and July are sitting opposite to each other. R who was born in the month of September is an immediate neighbour of P. The person sitting third to the right of U was born in August. W is the youngest and sits opposite to T. V faces opposite direction of U. Both the immediate neighbours of P are facing towards the center. Q sits second to the right of T. T is sitting third to the right of S who faces outside. S is an immediate neighbour of Q. W faces towards the center. V is older than U. There is only one person sitting between S and U who is not immediate neighbor of T.

Q1. Who among the following born in November?

- (a) R
- (b) V
- (c) U
- (d) S
- (e) None of these

Q2. Who among the following sits immediate left of the one who sits third to the right of Q?

- (a) The one who was born in December
- (b) U
- (c) The one who was born in September
- (d) P
- (e) None of these

Q3. V was born in which of the following month?

- (a) August
- (b) July
- (c) September
- (d) November
- (e) None of these

Q4. Who among the following is younger than U but older than W?

- (a) P
- (b) S
- (c) V
- (d) R
- (e) None of these

Q5. Who among the following sits opposite to the one who was born in September?

- (a) P
- (b) V

- (c) Q
- (d) W
- (e) None of these

Directions (6-8): Study the following information carefully to answer these questions.

- (i) 'M \$ N' means 'M is mother of N'
- (ii) 'M # N' means 'M is father of N'
- (iii) 'M @ N' means 'M is brother of N'
- (iv) 'M % N' means 'M is daughter of N'
- (v) 'M & N' means 'M is wife of N'

Q6. If the expression 'A\$C%D#E&G' is true, then which of the following is true?

- (a) A is father of E
- (b) G is son of D
- (c) C is sister-in-law of G
- (d) E is son of A
- (e) None is true

Q7. If the expression 'K%M&O@S#R' is true, then who among the following is cousin of R?

- (a) O
- (b) M
- (c) K
- (d) S
- (e) None of these

Q8. If the expression 'K@N%F\$L&M' is true, then which of the following is not true?

- (a) F is mother of K
- (b) N is brother-in-law of M
- (c) K is brother of L
- (d) M is sister-in-law of K
- (e) Both (b) and (d)

Direction (9-11): In the following questions, the symbols #, &, @, *, \$, % and © are used with the following meanings as illustrated below. Study the following information and answer the given questions:

- A@B- A is the child of B.
- A©B- A is the parent of B
- A%B- A is father-in-law of B
- A&B- A is brother-in-law of B
- A\$B- A is brother of B
- A*B- A is wife of B
- A#B- A is sister-in-law of B

Q9. If the expression 'D@F%E\$K*R, D*E', then which of the following is true?

- (a) D is brother of K
- (b) F is mother of K

- (c) E is mother of R
- (d) R is brother in law of E
- (e) None is true

Q10. If the expression 'M%S*U©W*X&R, R@S', then how M is related to R?

- (a) Uncle
- (b) Mother
- (c) Grandfather
- (d) Father
- (e) None of these

Q11. If the expression 'H&N@O*R, R©T©K\$@H', then who among the following nephew of N?

- (a) R
- (b) H
- (c) L
- (d) O
- (e) Can't be determined

Direction (12-13): In each question below is given a statement followed by three assumptions numbered I, II and III. You have to consider the statement and the following assumptions, decide which of the assumptions is implicit in the statement and choose your answer accordingly.

Q12. Statement: "If you are intelligent, we are the right people for improving your performance." – An advertisement of a coaching institute.

Assumptions:

- I. Brilliant students prefer to join coaching classes.
- II. Coaching classes help the students to improve their performance.
- III. No other institute provides such coaching.

- (a) Only I and II are implicit
- (b) Only II and III are implicit
- (c) Only I and III are implicit
- (d) All are implicit
- (e) None of these

Q13. Statement: India's economic growth has come at a terrible price of increased industrial and vehicular pollution.

Assumptions:

- I. Pollution is a part of industrial society.
- II. India economic growth is based on only industrial growth.
- III. A country desires economic growth with manageable side effects.

- (a) Only I is implicit
- (b) Only II is implicit
- (c) Only III is implicit
- (d) Only I and III are implicit

(e) None of these

Q14. President Obama has described climate change as one of the biggest challenges facing America and has said he is open to new ideas to address it. He can start by supporting legislation to increase the nation's hydropower capacity, one of America's-vital renewable energy resources. Producing electricity from the nation's 80,000 dams can avoid million metric tons of carbon dioxide emissions each year.

All the following can be assumed from the above EXCEPT-

- (a) Hydropower harnesses the force of flowing water to generate electricity.
- (b) Many of the dams are not utilized for electricity generation in America.
- (c) Hydropower doesn't cause carbon dioxide emissions.
- (d) All the dams in America are safe.
- (e)None of these

Q15. A mobile phone manufacturing unit produces 5000 phones per month. The manager wants to ensure that the quality of the phone units is high. The manager, therefore, decides to reject 500 of the phones produced every month.

Which of the following points to an assumption behind the manager's action?

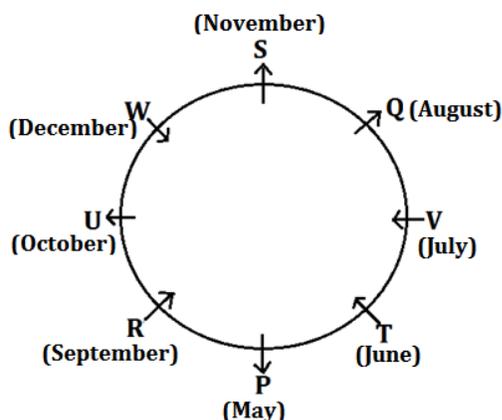
- (a) Going by their profit margins the company can afford to lose 10% of its output.
- (b) The quality of the mobile phone is open to suspicion if all the products are accepted.
- (c) The market standard for rejection rates is only 5%.
- (d) At least 90% of the phones produced are of high quality.
- (e)None of these



Solutions

Solutions (1-5):

Sol.

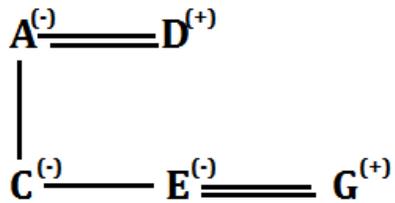


- S1. Ans.(d)
 S2. Ans.(e)
 S3. Ans.(b)
 S4. Ans.(b)
 S5. Ans.(c)

Solutions (6-8):

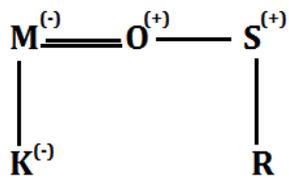
S6. Ans.(c)

Sol.



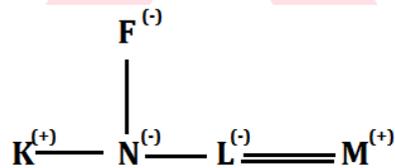
S7. Ans.(c)

Sol.



S8. Ans.(e)

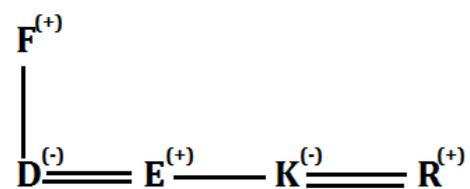
Sol.



Solutions (9-11):

S9. Ans.(d)

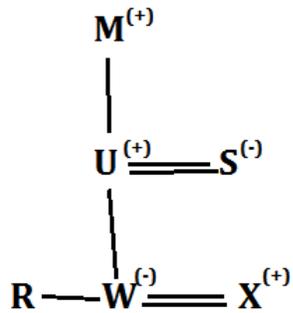
Sol.



S10. Ans.(c)

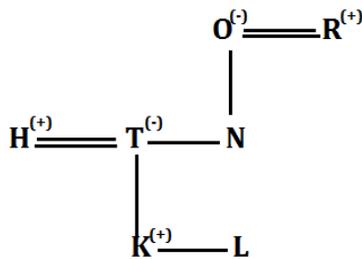
Sol.





S11. Ans.(c)

Sol.



Solution (12-13):

S12. Ans.(a)

Sol. Since the advertisement invites 'intelligent' students by promising them and improved performance through their exceptional coaching, so both I and II are implicit. However, nothing can be assumed about other institutes as the given advertisement talks of only a particular institute. So, III is not implicit.

S13. Ans.(d)

Sol. The statement mentions that India had to pay the price of increased pollution level to earn its economic growth. So, both I and III are implicit. However, this does not imply that only industrial growth has brought about India's economic growth. So, II is not implicit

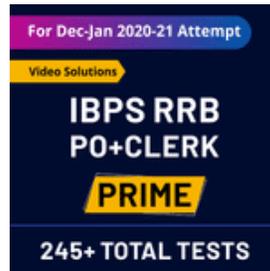
S14. Ans.(d)

Sol. America has more than 80,000 dams which can produce electricity. Generating electricity from these dams can avoid million metric tons of carbon dioxide emissions every year. Option (a) is an easy assumption; 'flowing water from dams is used to generate electricity. The second and third sentences suggest option (b). Option (c) can be assumed from the last sentence. Option (d) mentions the safety of dams; this is not supported by the passage.

S15. Ans.(d)

Sol. When the manager decides to reject 500 of the 5000 phones produced to ensure quality, he assumes that the remaining 4500 (or 90%) are of standard or good quality. Hence choice (d) is the proper assumption. Choice (a) is not an assumption in the

manager's decision since he would seek to increase profits. Choices (b), has not been suggested. Choice (c) (market standard) is not an assumption.



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