

Quiz Date: 4<sup>th</sup> April 2020

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

There are six employees of a company and all of them are working on six different designation of a company viz. CMD, MD, CEO, COO, SE, JE. All the designations given are to be considered in a given order (as CMD is considered as Senior-most and JE is considered as the Junior-most). No one is older than 55years.

R is junior to U, who is not MD. The one who is MD is 4years younger than CEO. More than two persons are junior than P. Age of the one who is JE is a perfect square of an odd number. Q is Junior to S but senior to R. Age of the one who is CEO is just double the age of the one who is JE. U is senior to T who is not JE. S is not COO. Age of the one who is COO is a perfect square of number and 10years younger than S. The one who is CMD is 5years older than the one who is CEO. S is junior to P. U' age is an even number. T is 6years younger than S. Q is 11years older than R. Age of the one who is JE is not less than 20years.

Q1. Who among the following is CEO of the company?

- (a) P
- (b) T
- (c) the one who is 46years old
- (d) U
- (e) None of these

Q2. Who among the following is 55years old?

- (a) U
- (b) P
- (c) S
- (d) Q
- (e) None of these

Q3. What is the age difference between U and T?

- (a) 15years
- (b) 10years
- (c) 12years
- (d) 8years
- (e) None of these

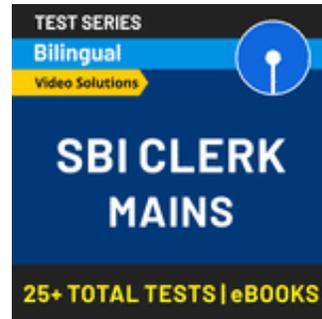
Q4. How many persons are junior to R?

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

Q5. Who among the following SE of the company?

- (a) Q

- (b) U
- (c) T
- (d) R
- (e) None of these



Q6. Unlike other retail outlets, where items are purchased in any number of units the customer wants, in super-markets items are grouped in bulk packages. This bulk buying offers saving to the customer. The option to buy at wholesale prices by buying in bulk makes super-market a practical choice for budget-conscious consumers.

Which of the following assumption may be derived from the above information?

- (a) Super-markets often have greater buying power and lower overhead costs, so they can offer a greater variety of products than regular retail outlets.
- (b) Super-markets are often more conveniently located and have better parking facilities.
- (c) The emergence of super-markets has caused many small retail stores to close down and thus eliminate competitions.
- (d) It is economically wise to buy single items since bulk packages seldom offer significant savings.
- (e) The financial savings from purchasing bulk packages may outweigh the inconvenience of being unable to purchase in any number of units that suits the customers' need

**Direction (7-9): Study the following information carefully and answer the given questions.**

Seven boxes- A, B, C, D, E, F and G are placed in a stack one above another. More than three boxes are placed between G and F. Only two boxes are placed between E and B, which placed just below G. More than three boxes are placed below D. Box C placed above box F. Box E does not placed below box C.

Q7. How many boxes are places below box D?

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

Q8. Which of the following Box is placed just below box E?

- (a) C
- (b) A

- (c) B
- (d) F
- (e) None of these

Q9. Which of the following box are placed just middle of the stack?

- (a) C
- (b) E
- (c) A
- (d) D
- (e) None of these

**Directions (10-12) Read the following information carefully to answer the following questions.**

'1 # 9' means '1 is the daughter of 9'

'1 © 9' means '9 is the brother of 1'

'1 \$ 9' means '9 is the sister of 1'

'1 & 9' means '1 is the son of 9'

'1 \* 9' means '1 is the father of 9'

'1 @ 9' means '1 is the mother of 9'

Q10. Which of the following indicates that 'A is the maternal uncle of S'?

- (a) A & M # P @ K © S
- (b) A & M & K @ P © S
- (c) S & K & P @ M © A
- (d) S & P # M @ K © A
- (e) None of these

Q11. What does the expression 'A @ M \$ L © D & N' shows?

- (a) N is the wife of A
- (b) M is the son of N
- (c) M is the daughter of N
- (d) N is the husband of A
- (e) None of these

Q12. Which of the following indicates 'M is the daughter of S'?

- (a) M \* A # R @ S @ T
- (b) S \* A # R @ M @ T
- (c) Y @ S # O \* M
- (d) Y © M \$ T # S
- (e) None of these.

**Directions (13-14): Each question given below consists of a statement, followed by three or four arguments numbered I, II, III and IV. You have to decide which of the arguments is/are 'strong' argument(s) and which is/are 'weak' argument(s) and accordingly choose your answer from the alternatives given below each question.**

Q13. **Statement:** Should India go in for computerization in all possible sectors?

**Arguments:**

I. Yes. It will bring efficiency and accuracy in the work.

II. No. It will be an injustice to the monumental human resources which are at present underutilized.

III. No. Computerization demands a lot of money. We should not waste money on it.

IV. Yes. When advanced countries are introducing computers in every field, how can India afford to lag behind?

(a) Only I is strong

(b) Only I and II are strong

(c) Only I and III are strong

(d) Only II and III are strong

(e) All are strong

Q14. **Statement:** Should India immediately stop digging coal from its mines?

**Arguments:**

I. Yes. The present stock of coal will not last long if we continue mining at the present rate.

II. No. We do not have alternate energy source of sufficient quantity.

III. No. This will put millions of people at a disadvantage and their lives will get adversely affected and also the industry.

(a) Only I and II are strong

(b) Only II and III are strong

(c) Only I and III are strong

(d) All are strong

(e) None is strong

Q15. In which of the following expression will the expression ' $P \leq R$ ' does not hold true?

(a)  $P \leq G = M \leq R \leq H$

(b)  $Q = R \geq L \geq M = P$

(c)  $M < R = H \geq Q = P$

(d)  $R < G \geq H = L \geq P$

(e)  $P \leq H = G \leq R < Q$



**Solutions****Solutions (1-5):****Sol.**

Designation	Persons	Age
CMD	P	55
MD	S	46
CEO	U	50
COO	Q	36
SE	T	40
JE	R	25

S1. Ans.(d)

S2. Ans.(b)

S3. Ans.(b)

S4. Ans.(e)

S5. Ans.(c)

S6. Ans.(e)

Sol. Buying in wholesale and bulk depend upon the choice of the customer's choice and may cause of financial saving.

**Solutions (7-9):****Sol.**

BOXES
G
B
D
A
E
C
F

S7. Ans.(d)

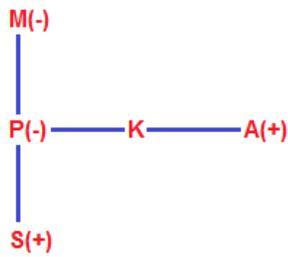
S8. Ans.(a)

S9. Ans.(c)

**Solutions (10-12):**

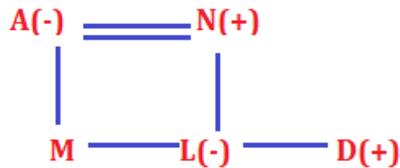
S10. Ans.(d)

**Sol.**



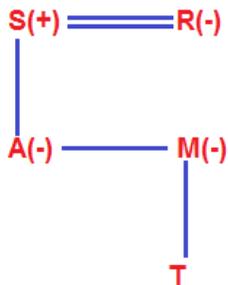
S11. Ans.(d)

Sol.



S12. Ans.(b)

Sol.



**Solutions (13-14):**

S13. Ans. (a)

Sol. Clearly, the need of today is to put to better use the underutilized human resources. Computers with better and speedy efficiency can accomplish this. So, argument I holds, while II does not. Computerization is a much beneficial project and investment in it is not all a waste. So, III is not strong. Further, development in a new field is not a matter of merely following up other countries. So, IV also does not hold strong.

S14. Ans. (b)

Sol. Though the reserves of coal are limited yet stopping its use till alternate source of energy have been discovered, is no solution to conserve it. So, I is not strong. It is true that we haven't till date found a renewable source of energy which is available in plenty and can substitute coal. So, II holds strong. Further, stopping coal mining would surely throw the engaged workers out of employment. So, III also holds strong.

S15. Ans.(d)



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