

Quiz Date: 7th June 2020

Direction (1-5): In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer:

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows
- (d) If neither conclusion I nor II follows.
- (e) If both conclusions I and II follow.

Q1. Statements: $W \geq Q > O = P > X = V < M = J$

Conclusion I: $V < W$ **II:** $V = W$

Q2. Statements: $Q > J \geq L = C < B = E \geq M > S = D$

Conclusion I: $L \geq S$ **II:** $S < L$

Q3. Statements: $R \geq E < V \leq B \leq N < S < O > Y > X$

Conclusion I: $S > E$ **II:** $O > R$

Q4. Statements: $U > R = S, V > W = F, S \leq T \geq V$

Conclusion I: $R \leq V$ **II:** $R > V$

Q5. Statements: $T < J = K > L, N > M > R, R = T$

Conclusion I: $K > R$ **II:** $M > T$

Direction (6-10): In these questions, relationships between elements is shown in the statements. These statements are followed by two conclusions. Give answer

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or conclusion II follows.
- (d) If neither conclusion I nor conclusion II follows.
- (e) If both conclusions I and II follow.

Q6. Statements: $G \leq F = L \leq J; J \leq K = H$

Conclusions: I. $H = G$ II. $G < H$

Q7. Statements: $P < R < S < T > U$

Conclusions: I. $U < R$ II. $T > P$

Q8. Statements: $T > U \geq V \geq W; X < Y = W > Z$

Conclusions: I. $Z > U$ II. $W < T$

Q9. Statements: $K < L < M < N; M < O < P$

Conclusions: I. $P > K$ II. $N > O$

Q10. Statements: $B < A < C$; $A > D \leq E$

Conclusions: I. $B \leq E$ II. $C > E$

Directions (11-15): In the following questions, the symbols #, %, \$, @ and © are used with the following meaning as illustrated below.

'P # Q' means 'P is not smaller than Q'.

'P % Q' means 'P is neither smaller than nor equal to Q'.

'P \$ Q' means 'P is neither greater than nor equal to Q'.

'P @ Q' means 'P is neither greater than nor smaller than Q'.

'P © Q' means 'P is not greater than Q'.

Now, in each of the following questions assuming the given statements to be true, find which of the three Conclusions I, II and III given below them is/are definitely true and give your answer accordingly.

Q11. Statements: $K \% R @ M$, $U \odot Q \$ R$, $Q \% T$

Conclusions:

I. $R \% U$ II. $T \# U$ III. $M \% K$

- (a) Only I and III is true
- (b) Only II and I is true
- (c) Only II and III is true
- (d) Only I is true
- (e) None is true

Q12. Statements: $D \odot G @ H$, $A \% E \# H$, $B \$ D$

Conclusions:

I. $B \% A$ II. $E \# D$ III. $G \% E$

- (a) Only III and II is true
- (b) Only II
- (c) Only III is true
- (d) Either I or III true
- (e) None of these

Q13. Statements: $Z \# A \% C$, $G \odot Z$, $C \# B \$ H$

Conclusions:

I. $Z \% B$ II. $H @ Z$ III. $G \# A$

- (a) Only I is true
- (b) I, II and III are true
- (c) Either I or II true
- (d) Only II is true
- (e) None of these

Q14. Statements: $M \$ P \# Q$, $S \% L \# M$, $Q @ W \odot R$

Conclusions:

I. $L \# Q$ II. $R \% P$ III. $W \% L$

- (a) Only II and III is true
- (b) Only I is true



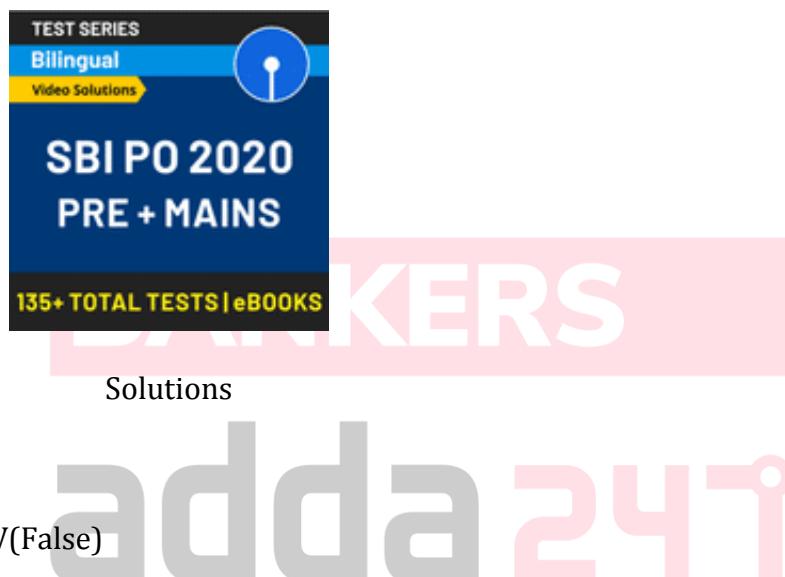
- (c) Either I or III true
- (d) Only II
- (e) None of these

Q15. Statements: K%M@R, R#T%X, O\$X

Conclusions:

I. M#T II. R\$O III. M%O

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



Solution (1-5):

S1. Ans(a)

Sol. I: V<W(true)

II: V=W(False)

S2. Ans(d)

Sol. I: L≥S (False)

II: S<L (False)

S3. Ans(a)

Sol. I: S>E (True)

II: O>R (False)

S4. Ans(c)

Sol. I: R≤V (False)

II: R>V (false)

S5. Ans(e)

Sol. I: K>R (True)

II: M>T(True)

Solution (6-10):

S6. Ans.(c)

Sol. I. I.H=G (False)

II: G<H(False)

S7. Ans.(b)

Sol. I. U<R (False)

II: T>P(True)

S8. Ans.(b)

- | | |
|---------------------|----------------|
| Sol. I. Z>U (False) | II. W<T(True) |
| S9.Ans.(a) | |
| Sol. I. P>K (True) | II. N>O(False) |
| S10.Ans.(d) | |
| Sol. I. B≤E (False) | II. C>E(False) |

Solution (11-15):

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|--------------------|-----------------|-----------------|
| S11. Ans.(d) | II. T#U(false) | III. M%K(false) |
| Sol. I. R%U(true) | | |
| S12. Ans.(b) | II. E#D(true) | III. G%E(false) |
| Sol. I. B%A(false) | | |
| S13. Ans.(a) | II. H@Z(false) | III. G#A(false) |
| Sol. I. Z%B(true) | | |
| S14. Ans.(c) | II. R%P(false) | III. W%L(false) |
| Sol. I. L#Q(false) | | |
| S15. Ans.(b) | II. R\$O(false) | III. M%O(True) |
| Sol. I. M#T(True) | | |

