

ANSWER WITH EXPLANATION

[SET – 24]

1. (b)
 $8 \times 3 = 24 - 3 = 21$

$21 \times 3 = 63 - 3 = 60$

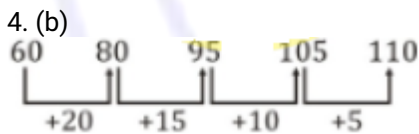
$60 \times 3 = 180 - 3 = 177$

$177 \times 3 = 531 - 3 = 528$

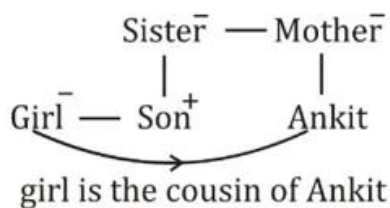
2. (a)



3. (d)
 $12 \text{ V } 3 \text{ M } 441 \text{ L } 21 \text{ S } 8$
 $\Rightarrow 12 - 3 + 441 \div 21 \times 8$
 $\Rightarrow 12 - 3 + 21 \times 8$
 $\Rightarrow 12 - 3 + 168$
 $\Rightarrow 180 - 3$
 $\Rightarrow 177$



5. (d)



7. (b)

$7^2 + 7 = 56$

$9^2 + 9 = 90$

8. (d)

9. (b)
 Sum of position of Mohan & Sohan from opposite ends = $15+20=35$, i.e. less than the total number of students (<54) Therefore, Number of students between Mohan &

Sohan = Total no. of students - (position of Mohan from left + position of Sohan from right) $\Rightarrow 54-(15+20) \Rightarrow 19$

10. (c)
 Here middle letter is same, first part reverse order and last part reverse order.

11. (c)

12. (c)
 ii. Opposition
 i. Optimistic
 iv. ordinary
 iii. organization

13. (b)
 Troposphere, stratosphere, Mesosphere
 Thermosphere, Exosphere are the layers of atmosphere in sequence.

14. (b)
 Pair of reverse letter.

15. (a)
 $A : B \quad \therefore \quad B : A$
 $3 : 1 \quad \quad \quad 1 : 3$

16. (c)
 $19 + 2 \div 2 + 2 - 14$
 $\Rightarrow 19 \times 2 - 2 \times 2 + 14$
 $\Rightarrow 38 - 4 + 14$
 $\Rightarrow 48$

17. (d)
 $14\% 2 \times 3 \# 8 = 31$
 $\Rightarrow 14 \div 2 + 3 \times 8 = 31$
 $\Rightarrow 7 + 24 = 31$
 $\Rightarrow 31 = 31$

18. (a)
 $(11 + 2) \times 6 = 78$
 $(15 + 4) \times 8 = 152$
 $(17 + 6) \times 7 = 161$

19. (b)
 $11 = 2 + 8 + 1$
 $= 0 + 4 + 5$
 $= 9$

20. (d)
 $3 \times 2 = 6; 6 \times 3 = 18; 18 \times 4 = 72$
 $5 \times 2 = 10; 10 \times 3 = 30; 30 \times 4 = 120$
 $7 \times 2 = 14; 14 \times 3 = 42; 42 \times 4 = 168$

21. (B)

Explanation: $H > T < F = E \leq V$

It can be concluded that $V \geq F$, $E > T$ and $T < V$, however no relationship can be established between H and V. Hence B.

22. (E)

Explanation: $D < R \leq K > F \geq J$

It can be concluded that $K > D$, however no relationship can be established between (J and R), (J and K) or (F and R). Hence E.

23. (E)

Explanation: $N = B \geq W < H \leq M$

It can be concluded that $M > W$. W can be equal to N or

less than N, however no relationship can be established between H and N. Hence E.

24. (A)

Explanation: $R \leq D \geq J < M > K$

No relationship can be established among any of the given conclusions. Hence A.

25. (E)

Explanation: $M \geq K > N \leq R < W$

It can be concluded that $M > N$, however rest of conclusions are false. Hence E

[If any query about these questions please contact 8167092555 from 10 am to 6 pm]

GEORGE SCHOOL OF COMPETITIVE EXAMS

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