

S1. Ans.(c);

Sol.

Number divisible by 2 are $\frac{100}{2} = 50$, Numbers divisible by 3 are 33

Numbers divisible by 2 and 3 are $\frac{100}{6} = 16$

Numbers divisible by 2 or 3 is $50 + 33 - 16 = 67$

So, Number of numbers not divisible by

2 or 3 are $\Rightarrow 100 - 67 = 33$

S2. Ans.(b);

Sol.

Series of consecutive prime number starting from 17

S3. Ans.(a);

Sol.

$$\begin{array}{cccc}
 \overset{-2}{\text{P}} & \overset{-2}{\text{N}} & \overset{-2}{\text{L}} & \overset{-2}{\text{J}} \\
 \text{---} & \text{---} & \text{---} & \text{---} \\
 \text{I} & \text{G} & \text{E} & \text{C} \\
 \underset{-2}{\text{---}} & \underset{-1}{\text{---}} & \underset{-2}{\text{---}} & \text{---}
 \end{array}
 \quad :: \quad
 \begin{array}{cccc}
 \overset{-2}{\text{V}} & \overset{-2}{\text{T}} & \overset{-2}{\text{R}} & \overset{-2}{\text{P}} \\
 \text{---} & \text{---} & \text{---} & \text{---} \\
 \text{O} & \text{M} & \text{K} & \text{I} \\
 \underset{-2}{\text{---}} & \underset{-1}{\text{---}} & \underset{-2}{\text{---}} & \text{---}
 \end{array}$$

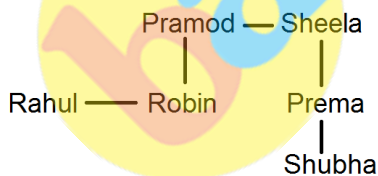
S4. Ans.(d);

Sol.

5, 4, 3, 1, 2

S5. Ans.(c);

Sol.




S6. Ans.(c);

Sol.

$8 \times 7 = 56, 8 \times 9 = 72;$

$6 \times 7 = 42, 6 \times 9 = 54.$

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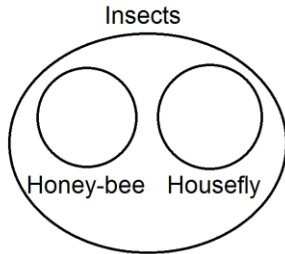
S7. Ans.(b);

Sol.

480, The digits are rearranged

S8. Ans.(c);

Sol.



S9. Ans.(d);

S10. Ans.(a);

Sol.

Only conclusion I follows

S11. Ans.(a);

Sol.

$$(12 \div 3) + 9 = 13$$

$$(6 \div 2) + 10 = 13$$

Similarly,

$$(8 \div x) + 5 = 13$$

$$x = 1$$

S12. Ans.(a);

S13. Ans.(b);

Sol.

$$(63 - 24 \div 8 + 4 \div 2 \times 3) = 63 - 3 + 6 = 66$$

S14. Ans.(b);

Sol.

Z Y X W U V

S15. Ans.(b);


Sol.

$$6 \times 5 + 3 \times 3 = 39$$

$$5 \times 7 + 4 \times 4 = 51$$

Similarly,

$$5 \times 5 + 3 \times 4 = 37$$

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Ace - Advanced | Arithmetic | English
Reasoning | General Awareness

S16. Ans.(c);

Sol.

Correct meaningful order is :-

2. Clay
5. Bricks
1. Wall
4. Room
3. House

S17. Ans.(c);

Sol.

Neither I nor II follows

S18. Ans.(b);

S19. Ans.(d);

Sol.

Opposite pair of colours are :-

- Red - Indigo
- Blue - Violet
- Orange - Green

S20. Ans.(b);

Sol.

30 Quadrilaterals

S21. Ans.(d);

S22. Ans.(c);

S23. Ans.(b);

S24. Ans.(d);

S25. Ans.(d);

Ratio of sunita and vinita's age = 4:5

Let age of sunita = 4x

Age of vinita = 5x

After 6 year

$$\frac{4x+6}{5x+6} = \frac{14}{17}$$

X = 9

Age after 12 year = 48 : 57

= 16: 19

6 Months Subscription



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