

Reasoning Mega Quiz for SSC Tier-1 (Solutions)

S1. Ans.(c)

Sol. +9 series

S2. Ans.(b)

Sol. Except Crimson, rest are blue colour variant.

S3. Ans.(d)

Sol.

$$\begin{aligned} &80 \times 16 \div 4 + 2 - 8 \\ &\Rightarrow 80 \div 16 - 4 \times 2 + 8 \\ &\Rightarrow 5 - 8 + 8 \\ &\Rightarrow 5 \end{aligned}$$

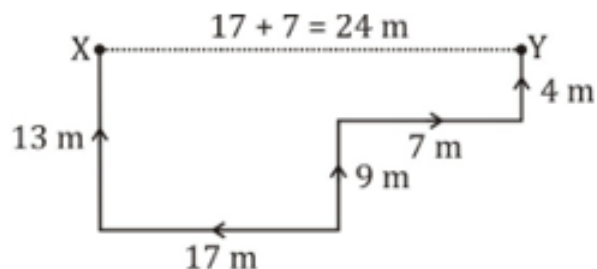
S4. Ans.(a)

Sol.

$$\begin{aligned} (3 + 5) + (3 + 1) &= 12 \\ (9 + 2) + (3 + 0) &= 14 \\ (1 + 5) + (2 + 4) &= 12 \end{aligned}$$

S5. Ans.(d)

Sol.



$\therefore$ Y is 24 m, East with respect to x.

S6. Ans.(d)

Sol. If neither I nor II is strong



BILINGUAL

SSC

COMPLETE FOUNDATION

2020-21 Batch 2.0

Starts Dec 28, 2020

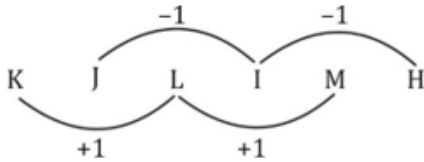
11 AM to 05 PM

S7. Ans.(b)

S8. Ans.(a)

S9. Ans.(b)

Sol.



S10. Ans.(a)

Sol.

12 March = Sunday

Number of days after 12 March = Sunday

Number of days after 12 March to 10 August

$$= 19 + 30 + 31 + 30 + 31 + 10$$

$$= 151$$

$$\text{Number of odd days} = \frac{151}{7} = 4 \text{ odd days}$$

$$\therefore \text{Madhup's Birthday} = \text{Sunday} + 4$$

$$= \text{Thursday}$$

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S11. Ans.(c)

Sol.



S12. Ans.(c)

Sol. In the given option except 'C' first there are fuel and then are vehicles run with them but fire produces smoke.

S13. Ans.(c)

Sol. The pattern is $\div 2, +2, \div 2, +2$, so next term is $28/2=14$.

S14. Ans.(a)

Sol. $8 \times 2, 9 \times 2, 10 \times 2$ in first diagram same as $9 \times 2, 10 \times 2, 11 \times 2$.

S15. Ans.(c)

S16. Ans.(b)

Sol.

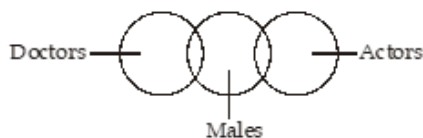
Meaningful order

2. Infant
↓
4. Crying
↓
1. Mother
↓
3. Milk
↓
5. Smiling



S17. Ans.(a)

Sol.



Some doctor and some actors are males. But, doctors and actors are entirely different.

S18. Ans.(c)

Sol.

World Environment day - 5 June

Children day - 14 Nov.

days between 5 June to 14 Nov.

June = 25

July = 31

Aug. = 31

Sep. = 30

Oct. = 31

Nov. = $\frac{14}{162}$

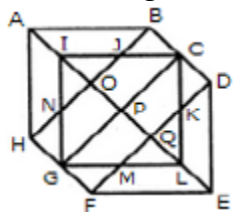
So, no. of odd day = 1

∴ Required day = Friday + 1 = Saturday



S19. Ans.(c)

Sol. The figure may be labeled as shown.



The simplest triangles are IJO, BCJ, CDK, KQL, MLQ, GFM, GHN and NIO i.e. 8 in number.

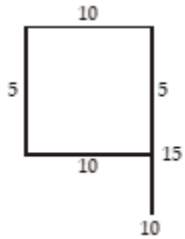
The triangles composed of two components each are ABO, AHO, NIJ, IGP, ICP, DEQ, FEQ, KLM, LCP and LGP i.e. 10 in number.

The triangles composed of four components each are HAB, DEF, LGI, GIC, ICL and GLC i.e. 6 in number.

Total number of triangles in the figure = 8 + 10 + 6 = 24.

S20. Ans.(c)

Sol.



S21. Ans.(d)

Sol. People

S22. Ans.(d)

Sol.

$$\text{PROP} = 16 + 18 + 15 + 16 = 65 + 2 = 67$$

$$\text{RATE} = 18 + 1 + 20 + 5 = 44 + 2 = 46$$

$$\text{MOCK} = 13 + 15 + 3 + 11 = 42 + 2 = 44$$

S23. Ans.(b)

Sol.

$$\begin{aligned} 35 - 12 + 10 \times 50 \div 14 \\ = 35 \times 12 \div 10 - 50 + 14 \\ = 42 - 50 + 14 = 6 \end{aligned}$$

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S24. Ans.(b)

Sol.

$$16 \div 4 \times 8 - 10 + 14 = 12$$

Interchanging $\div$ & $\times$

$$16 \times 4 \div 8 - 10 + 14$$

$$= 8 - 10 + 14 = 12$$

S25. Ans.(b)

Sol.

$$19!3 = (19 - 3) \times 2 = 32$$

$$13!4 = (13 - 4) \times 2 = 18$$

$$12!2 = (12 - 2) \times 2 = 20$$

$$\therefore 17!3 = (17 - 3) \times 2 = 28$$

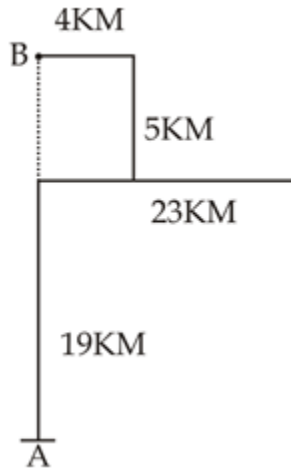
S26. Ans.(d)

Sol. XYXYXYZYXY

S27. Ans.(c)

Sol.

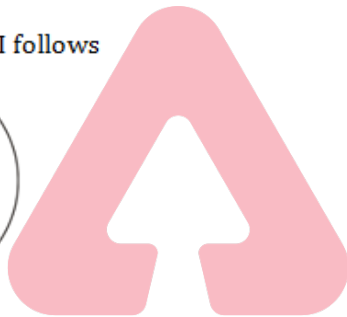
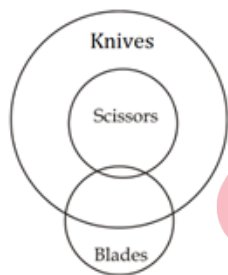
BA = 24 km south



S28. Ans.(a)

Sol.

Only conclusions I follows



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S29. Ans.(d)

Sol. AC

S30. Ans.(c)

Sol.



12 + 12 Months Validity



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Useful for CGL, CHSL & others

TEST PACK