

Reasoning Mega Quiz for SSC Tier-1 (Solutions)

S1. Ans.(b)

Sol. Except (b), all follow (-2., -3, -4, -5) pattern.

S2. Ans.(b)

Sol.

After 5 year

V F

x 5x

ATQ,

$$X - 5 + 5x - 5 = 50$$

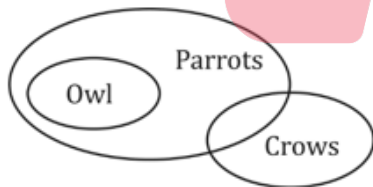
$$6x - 10 = 50$$

$$x = 10$$

$$\begin{aligned} \text{Current age of Vinayak} &= 10 - 5 \\ &= 5 \text{ year} \end{aligned}$$

S3. Ans.(c)

Sol.



I. ✖

II. ✖

III. ✖

Either I or III follow.

S4. Ans.(a)

S5. Ans.(c)

S6. Ans.(a)

S7. Ans.(a)

Sol.

$$24 + 12 - 6 \times 6 \div 2 = 18$$

$$= 36 - 6 \times \frac{6}{2}$$

$$= 36 - 18$$

$$= 18$$



12 + 12 Months Validity



SSC

Useful for CGL, CHSL & others

TEST PACK

S8. Ans.(d)

Sol.



S9. Ans.(d)

Sol.

$$7 : 7^3 + 1 = 344$$

$$11 : 11^3 + 1 = 1332$$

S10. Ans.(c)

Sol. (+4) pattern follow.

S11. Ans.(d)

$$\text{Sol. } (19)^2 + 19 = 380$$

$$(37)^2 + 37 = 1406$$

S12. Ans.(d)

Sol. bus is used for transportation

Phone is used for telecommunication.



S13. Ans.(c)

Sol. +4, -4 series

S14. Ans.(d)

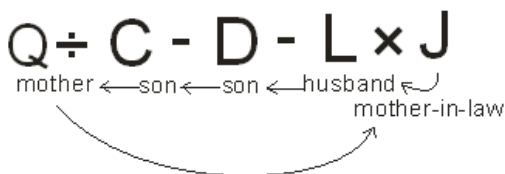
Sol. except (d), all other are synonymous of happy.

S15. Ans.(d)

Sol. except (d), all other are divided by 17

S16. Ans.(c)

Sol.

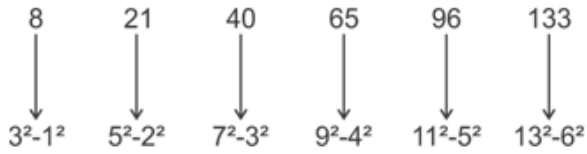


S17. Ans.(a)

Sol. +4, +4, +4, series

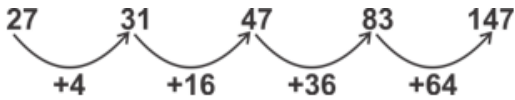
S18. Ans.(c)

Sol.



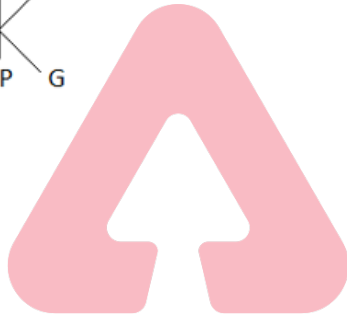
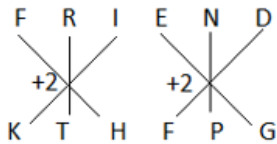
S19. Ans.(a)

Sol.



S20. Ans.(b)

Sol.



S21. Ans.(b)

Sol.

$$(4)^2 + 1 = 17$$

$$(6)^2 - 1 = 35$$

$$(12)^2 + 1 = 145$$

$$(14)^2 - 1 = 195$$

S22. Ans.(a)

Sol.

$$66 - 56 = 10$$

$$101 - 90 = 11$$

$$41 - 30 = 11$$

$$33 - 22 = 11$$

S23. Ans.(b)

Sol. The difference between digits are + 12, + 20, + 28, + 36, + 44, so missing term is $99 + 44 = 143$.

S24. Ans.(a)

Sol.

In given figure, outside present digits are perfect cube of number add all cube root of given number,

$$\text{so. } \sqrt[3]{216} + \sqrt[3]{8} + \sqrt[3]{27} + \sqrt[3]{125} = 16$$

S25. Ans.(d)

Sol. $(18 \div 6) \times 12 = 36$

S26. Ans.(b)

Sol. Meaningful order of words.

1. Foundation 3. Building 2. Plastering 4. Painting

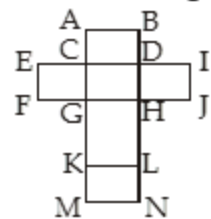
S27. Ans.(a)

Sol. From the figure (1), (2) and (3) it is clear that numbers adjacent to 6 are 2, 3, 4, 5. Hence number 1 will be opposite to number 6.

S28. Ans.(b)

Sol.

Sol. 15 rectangles



ABCD, ECFG, GCDH, HDIJ, GKLH, KMNL,
EFJI, EFHD, GCIJ, ABNM, ABLK, MNDC,
ABGH, GHNM, CDLK



S29. Ans.(b)

Sol.

As shown in Fig. the man initially faces towards east i.e., in the direction OA. On moving 100° clockwise he faces in the direction OB. On further moving 145° clockwise, he faces in the direction OC. Clearly, OC makes an angle of $(145^\circ - 100^\circ)$ i.e. 45° with OA and as such points in the direction North-east.



S30. Ans.(d)

Sol. My grandfather's Only son-father, or uncle. If man is the son of father, the woman becomes sister. But if he is uncle, she becomes cousin.

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