

Reasoning Mega Quiz for SSC Tier-1 (Solutions)

S1. Ans.(b)

Sol. Smile is done by lips

Wink is done by Eyes.

S2. Ans.(c)

Sol. $357 \times 2 = 714$

$468 \times 2 = 936$

S3. Ans.(c)

Sol. Except HFE, - 1 series

S4. Ans.(c)

Sol.

Position of 'u' in the given words is + 1 series.

S5. Ans.(a)

Sol.

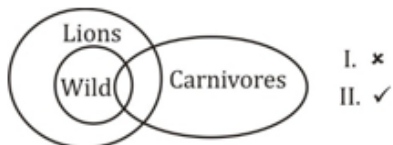
- 6.3 in each numbers

72 65.7 59.4 53.1 46.8
 $\underbrace{\hspace{1.5cm}}_{-6.3}$ $\underbrace{\hspace{1.5cm}}_{-6.3}$ $\underbrace{\hspace{1.5cm}}_{-6.3}$ $\underbrace{\hspace{1.5cm}}_{-6.3}$



S6. Ans.(b)

Sol.



Only conclusion II follows.

S7. Ans.(d)

Sol.

Let present age of Parvez be P and Manish be M

A.T.Q $\Rightarrow P - 6 = M \Rightarrow P - M = 6 \dots(i)$

& $P = \frac{1}{4}M + M \Rightarrow P = \frac{5M}{4} \dots (ii)$

Now from eqn. (i) and (ii)

$\frac{5M}{4} - M = 6$

$M = 24$

$\therefore P = 30$

\therefore After 18 years, age of Pravez = 48, which is double of Manish's present age.

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S8. Ans.(d)

Sol. There is no 'E' in the given word

S9. Ans.(b)

Sol. a b c / a a b c / a a b c / a a b c / a a b c / a

S10. Ans.(d)

Sol.

$$18 - 14 = 4 \Rightarrow 4^2 = 16$$

$$25 - 33 = -8 \Rightarrow (-8)^2 = 64$$

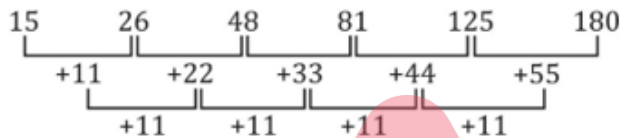
$$32 - 25 = 7 \Rightarrow 7^2 = 49$$

or

$$18 - 25 = -7 \Rightarrow (-7)^2 = 49$$

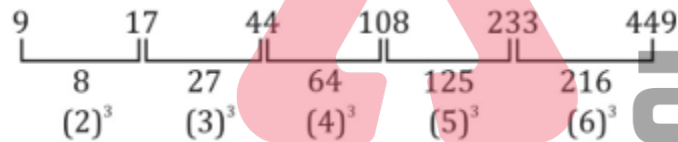
S11. Ans.(d)

Sol.



S12. Ans.(a)

Sol.



S13. Ans.(b)

S14. Ans.(d)

S15. Ans.(d)

S16. Ans.(c)

Sol.

L	I	A	R	N	G	E
5	7	8	2	6	4	1
A	R	R	A	N	G	E
↓	↓	↓	↓	↓	↓	↓
8	2	2	8	6	4	1

S17. Ans.(b)

Sol.

Column wise operation

$$(4 + 3) \times 2 = 14$$

$$(4 + 6) \times 2 = 20$$

$$(3 + 5) \times 2 = 16$$

S18. Ans.(d)

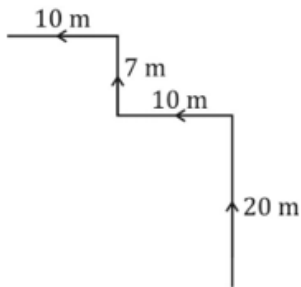
Sol. $16 \div 4 \times 4 - 2 + 6 = 20$

S19. Ans.(a)

Sol. ghii/ghiii/ghiiii

S20. Ans.(b)

Sol.



S21. Ans.(d)

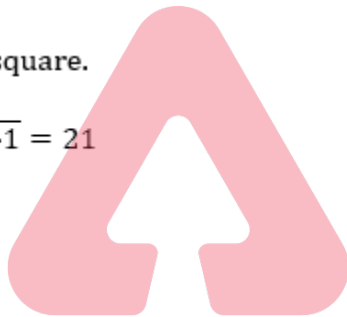
Sol.

All are perfect square.

Except 876.

$\sqrt{361} = 19; \sqrt{441} = 21$

$\sqrt{784} = 28$



S22. Ans.(b)

Sol.

2. Harmony

5. Helm

1. Herbivorous

4. Honour

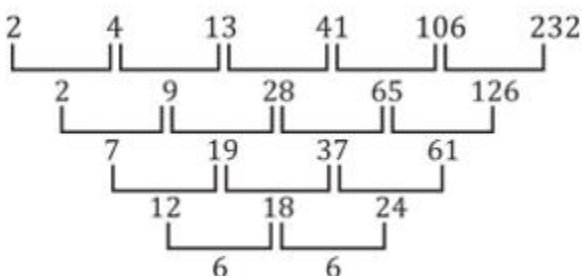
3. House

S23. Ans.(b)

Sol. +2 series

S24. Ans.(d)

Sol.



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S25. Ans.(d)

Sol.

Nitin > Bharat > Hitesh > Vicky > Sunny

Height in decreasing order
→

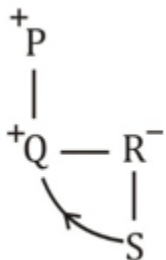
Or,

Nitin > Bharat > Hitesh > Sunny > Vicky

∴ Nitin has the maximum height among them.

S26. Ans.(b)

Sol.



Q is uncle of S

S27. Ans.(c)

Sol. There is no 'l' in the given word.

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S28. Ans.(b)

Sol.

R E M O T E
K Y S P G S
(+6) (+5) (+4) (+3) (+2) (+1)

B R A N D
I R D T C
+5 +4 +3 +2 +1

M O B I L E
K Q M E Q N
+6 +5 +4 +3 +2 +1

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S29. Ans.(b)

Sol.

$$\begin{aligned}12 - 6 + 28 \times 3 \div 9 \\ \Rightarrow 12 \div 6 - 28 + 3 \times 9 \\ \Rightarrow 2 - 28 + 27 \\ \Rightarrow 1\end{aligned}$$

S30. Ans.(b)

Sol.

$$\begin{aligned}19 - 13 = 6 \Rightarrow 6^2 = 36 \\ 37 - 28 = 9 \Rightarrow 9^2 = 81 \\ 43 - 38 = 5 \Rightarrow 5^2 = 25\end{aligned}$$

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