

Reasoning Mega Quiz for SSC CHSL (Solutions)

S1. Ans.(c)

Sol. Expect LN other three are set of corresponding opposite letters.

Q S U
↓ ↓ ↓
J H F

S2. Ans.(a)

Sol. 529 is a perfect square of 23.

S3. Ans.(b)

Sol.

$\begin{array}{cccc} +1 & +1 & & \\ \hline V & W & X & \\ \hline +1 & +1 & & \\ \hline B & C & D & \\ \hline +1 & +1 & & \\ \hline H & I & J & \\ \hline +1 & +1 & & \\ \hline N & O & P & \\ \hline +4 & & +4 & \\ \hline +4 & & & \end{array}$

S4. Ans.(c)

Sol.

$\begin{array}{ccccc} +1 & +1 & +1 & +1 & +1 \\ \hline M & N & P & Q & \\ \hline +1 & +1 & +1 & +1 & +1 \\ \hline T & U & Y & Z & \\ \hline +1 & +1 & +1 & +1 & +1 \\ \hline E & F & & & \\ \hline +2 & +3 & +4 & +5 & \end{array}$

S5. Ans.(c)

Sol.

$\begin{array}{cccccc} 10 & & 29 & & 66 & & 127 & & 218 \\ \hline 19 & & 37 & & 61 & & 91 & & \\ \hline 18 & & 24 & & 30 & & & & \\ \hline 6 & & 6 & & & & & & \end{array}$

S6. Ans.(b)

Sol. Let x_6 the temperature on sixth day

$$\frac{201 + x_6}{6} = 41$$

$$201 + x_6 = 41 \times 6$$

$$x_6 = 246 - 201$$

$$x_6 = 45$$

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S7. Ans.(c)

Sol.

Column 1: $(15 + 6) \times 4 \rightarrow 84$

Column 2: $(30 + 8) \times 4 \rightarrow 152$

Column 3: $(20 + 5) \times 4 \rightarrow 100$

S8. Ans.(c)

Sol.



S9. Ans.(c)

Sol.

4, 4 = L

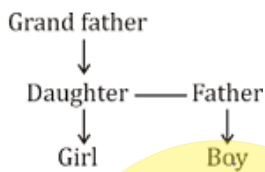
5, 9 = I

8, 8 = 0

2, 0 = N

S10. Ans.(d)

Sol.



S11. Ans.(b)

Sol.

By using options - after replacing symbols

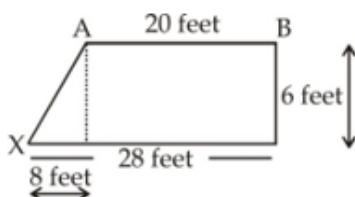
$$18 \div 3 \times 2 + 8 - 6 = 14$$

$$12 + 8 - 6 = 14$$

so, (b) is correct ans.

S12. Ans.(c)

Sol.



so, that is the triplet 8, 6 & 10

so, distance is 10 feet

S13. Ans.(d)

Sol.

F R I E N D R E V E A L
↓+2 ↓+2 ↓+2 ↓+2 ↓+2 ↓+2 ↓+2 ↓+2 ↓+2 ↓+2
H T K G P F T G X G C N

S14. Ans.(a)

Sol. Flow is the characteristics of river and stagnant is the characteristics of pond.

S15. Ans.(a)

Sol.

Sign interchange according to options
so, (a). option to be crosschecked

$$5 + 3 \times 8 \div 12 - 4 = 3$$

$$5 + \frac{24}{12} - 4 = 3$$

$$3 = 3$$

S16. Ans.(a)

S17. Ans.(b)

S18. Ans.(a)

S19. Ans.(b)

Sol. REPAIR → RESCUE → RESEARCH → RESIDUE → RESIGN

S20. Ans.(b)

Sol.

S⁺—T⁻==R⁺
X⁺—Y⁺

S21. Ans.(d)

Sol.

$$7 \times 6 + 6 \times 5 = 42 + 30 = 72$$

$$3 \times 11 + 11 \times 1 = 33 + 11 = 44$$

$$2 \times 5 + 5 \times 8 = 10 + 40 = 50$$

S22. Ans.(c)

Sol. $1 + 8 + 9 + 4 = 22$

$$7 + 6 + 2 + 7 = 22$$

$$2 + 4 + 5 + 11 = 22$$

S23. Ans.(c)

Sol.

$$8 \times 3 = 24; 8 \times 3^2 = 72; 8 \times 3^3 = 216$$

$$12 \times 3 = 36; 12 \times 3^2 = 108; 12 \times 3^3 = 324$$

$$14 \times 3 = 42; 14 \times 3^2 = 126; 14 \times 3^3 = 378$$

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S24. Ans.(a)

Sol.

$$(6 + 3 + 1 + 4) + 1 = 15$$

$$(7 + 4 + 5 + 2) + 1 = 19$$

$$(3 + 2 + 1 + 9) + 1 = 16$$

S25. Ans.(d)

Sol.

$$7 + 2 + 4 + 5 = 18$$

$$8 + 3 + 1 + 6 = 18$$

$$2 + 3 + 7 + 6 = 18$$

S26. Ans.(d)

Sol.

$$(11 \times 2 \times 4) + 10 = 98$$

$$(3 \times 6 \times 5) + 10 = 100$$

$$(8 \times 9 \times 1) + 10 = 82$$

S27. Ans.(d)

Sol.

$$(3 + 1) + 4^2 = 20$$

$$(4 + 6) + 2^2 = 14$$

$$(2 + 5) + 3^2 = 16$$

S28. Ans.(c)

Sol.

$$3^2 + 11 + 5^2 = 45$$

$$2^2 + 4 + 6^2 = 44$$

$$3^2 + 7 + 64 = 80$$

S29. Ans.(c)

Sol.

$$7 + 4 - 1 = 10$$

$$11 + 8 - 5 = 14$$

$$12 + 9 - 6 = 15$$

S30. Ans.(c)

Sol.

$$7 + 3 + 4 + 2 = 16$$

$$7 + 6 + 1 + 5 = 19$$

$$3 + 7 + 4 + 8 = 22$$



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