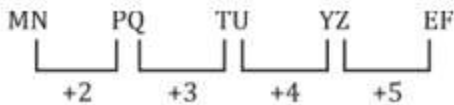


RRB NTPC Reasoning Mega Quiz (Solutions)

S1. Ans.(c)

Sol.



S2. Ans.(c)

Sol.

$$2^3 + 2 = 10$$

$$3^3 + 2 = 27$$

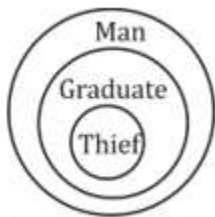
$$4^3 + 2 = 66$$

$$5^3 + 2 = 127$$

$$6^3 + 2 = 218$$

S3. Ans.(d)

Sol.



both I and II follows.

S4. Ans.(b)

Sol. Required temperature of sixth day = $[41 \times 6 - 201] = 45^\circ\text{C}$

S5. Ans.(c)

Sol. The correct sequence according to dictionary.

Umbrella → unicorn → uniform → unitary.

S6. Ans.(c)

Sol.

ARMS → 5467

LIAR → 1254

SMALL → 76511

S7. Ans.(c)

Sol. $(15 + 6) \times 4 = 84$

$(30 + 8) \times 4 = 152$

$(20 + 5) \times 4 = 100$

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S8. Ans.(b)

Sol. $505 \div 5 - 4 + 20 \times 5 = 101 - 4 + 100 = 197$

S9. Ans.(a)

Sol. Speed of Duranto > speed of Rajdhani > Speed of Shatabdi > Sped of Garib Rath
So, Garib rath is slowest.

S10. Ans.(d)

Sol. The correct sequence according to dictionary.
Abominable, accumulate, Amalgamable, Amateur

S11. Ans.(b)

Sol. Sound is related to medium and light is related to Vacuum.

S12. Ans.(c)

Sol.

$T \xrightarrow{+2} V$ Similarly, $M \xrightarrow{+2} O$
 $R \xrightarrow{+6} X$ $K \xrightarrow{+6} Q$

S13. Ans.(b)

Sol. CD is two subsequent letters of opposite letters of ZY.
Similarly SR and OQ are related to each other.

S14. Ans.(d)

Sol. $2^3, 3^3, 4^3$ & 5^3 .

S15. Ans.(d)

Sol. Perpendicular, base, hypotenuse all are related to perimeter of right-angle triangle.

S16. Ans.(d)

Sol. Except wz, both letters have +4 gap between them.

S17. Ans.(d)

Sol.

$$3 + 2 = 5$$

$$4 + 3 = 7$$

$$2 + 4 = 6, \text{ but } 5 + 6 = 11 \neq 4$$

S18. Ans.(d)

Sol.

$$192 = 1 + 2 \Rightarrow 3^2 = 9$$

$$240 = 2 + 0 \Rightarrow 2^2 = 4$$

$$141 = 1 + 1 \Rightarrow 2^2 = 4$$

But 173 is not follow their sequence

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S19. Ans.(b)

Sol. Bit, byte, kilobyte, megabyte, Gigabyte.

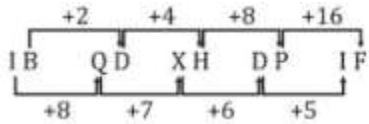
S20. Ans.(c)

Sol.

$B+2 \longrightarrow D, E+2 \longrightarrow G, H+2 \longrightarrow J, K+2 \longrightarrow M$

S21. Ans.(d)

Sol.



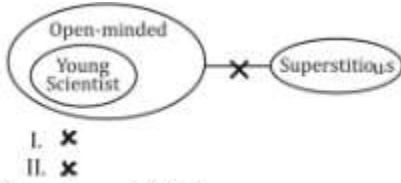
S22. Ans.(c)

Sol.

- $13 + 12 \times 1 = 25$
- $25 + 12 \times 2 = 49$
- $49 + 12 \times 3 = 85$
- $85 + 12 \times 4 = 133$

S23. Ans.(c)

Sol.



Neither I nor II follows.

S24. Ans.(d)

Sol.

Pooja > Nishu > Riya > Nikita > Amrita
Nishu is the second tallest.

S25. Ans.(c)

Sol.

- iii. Apostate iv. Apparel
- i. Apparent ii. Appointed

S26. Ans.(d)

Sol.

% @ ^ @ ! ? * &

S27. Ans.(d)

Sol.

- $99 \times 15 = 1485$
- $31 \times 17 = 527$
- $91 \times 18 = 1638$

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S28. Ans.(a)

Sol.

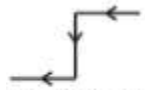
$$\begin{aligned} & 315 \& 3 \# 9 @ 4 \% 6 \\ \Rightarrow & 315 \div 3 - 9 + 4 \times 6 \\ \Rightarrow & 105 - 9 + 24 \\ \Rightarrow & 129 - 9 \\ \Rightarrow & 120 \end{aligned}$$

S29. Ans.(a)

Sol. MN/MNO/MNOP/MNOPQ

S30. Ans.(c)

Sol.



He is facing towards the west.

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