

## Reasoning Mega Quiz for RRB NTPC (Solutions)

**S1. Ans.(c)**

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

**S2. Ans.(b)**

**Sol.**

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

**S3. Ans.(c)**

**Sol.**

$$\begin{aligned}
 3 \times 7 \times 2 \times 4 &= 168 \\
 8 \times 3 \times 1 \times 7 &= 168 \\
 1 \times 6 \times 2 \times \boxed{14} &= 168
 \end{aligned}$$

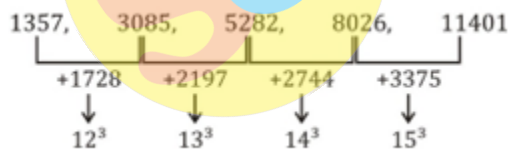
**S4. Ans.(a)**

**Sol.**

1. Decollete
3. Decorous
2. Desecrate
4. Desipicable
5. Destitute

**S5. Ans.(d)**

**Sol.**



**S6. Ans.(b)**

**Sol.**

Let present age of A, B and C be A, B and C respectively.

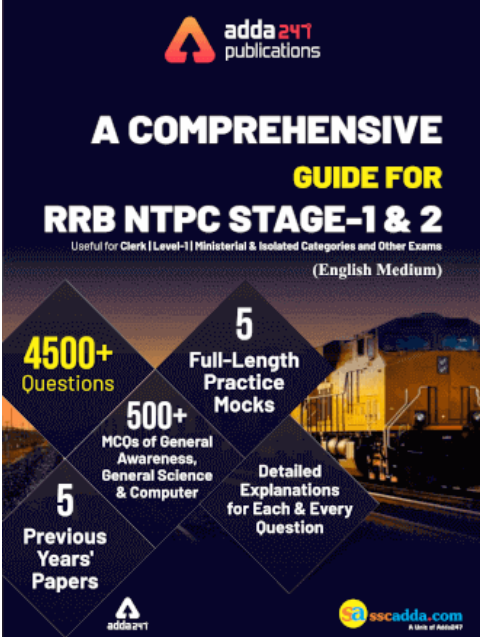
ATQ,

$$A = 2B$$

$$B + 8 = 4C$$

$$C - 9 = 5 \Rightarrow C = 14$$

Therefore, B = 48 and A = 96 years



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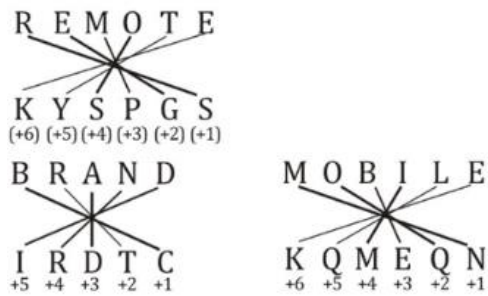
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S7. Ans.(b)

Sol.



S8. Ans.(b)

Sol.

$$19 - 13 = 6 \Rightarrow 6^2 = 36$$

$$37 - 28 = 9 \Rightarrow 9^2 = 81$$

$$43 - 38 = 5 \Rightarrow 5^2 = 25$$

S9. Ans.(d)

Sol. 29 triangles

S10. Ans.(c)

S11. Ans.(b)

Sol.

PQ / PQR / PQR S / PQR ST

S12. Ans.(a)

Sol.



S13. Ans.(c)

Sol.

$$5^2 + 6^2 = 61$$

$$12^2 + 11^2 = 265$$


$$18^2 + 12^2 = 468$$

S14. Ans.(c)

Sol.



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S15. Ans.(b)

Sol.

A Z, B Y, C X, E v  
pair of opposite letters

S16. Ans.(b)

Sol.

$$8 \times 3 = 24 - 3 = 21$$

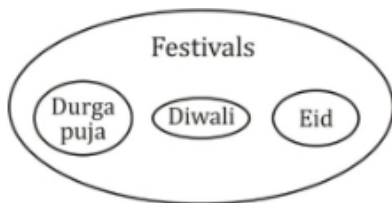
$$21 \times 3 = 63 - 3 = 60$$

$$60 \times 3 = 180 - 3 = 177$$

$$177 \times 3 = 531 - 3 = 528$$

S17. Ans.(a)

Sol.



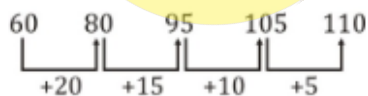
S18. Ans.(d)

Sol.

$$\begin{aligned} &12 \text{ V } 3 \text{ M } 441 \text{ L } 21 \text{ S } 8 \\ \Rightarrow &12 - 3 + 441 \div 21 \times 8 \\ \Rightarrow &12 - 3 + 21 \times 8 \\ \Rightarrow &12 - 3 + 168 \\ \Rightarrow &180 - 3 \\ \Rightarrow &177 \end{aligned}$$

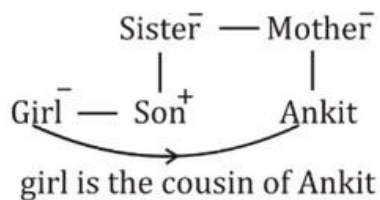
S19. Ans.(b)

Sol.

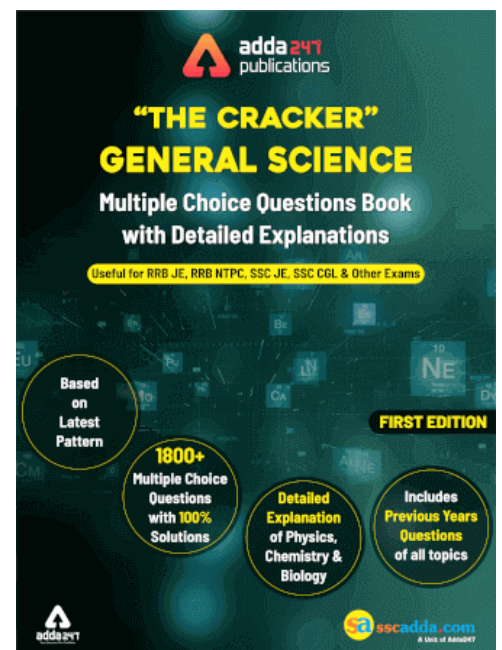


S20. Ans.(d)

Sol.

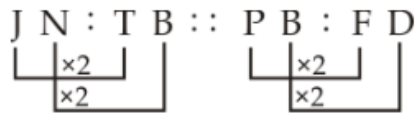


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S21. Ans.(b)

Sol.



S22. Ans.(b)

Sol.

$$7^2 + 7 = 56$$

$$9^2 + 9 = 90$$

S23. Ans.(d)

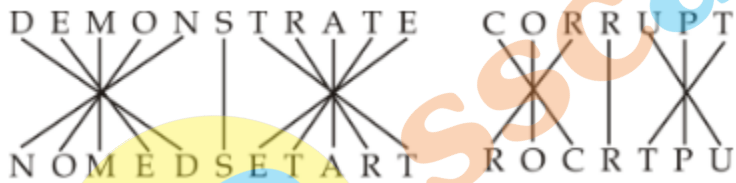
Sol.

% @ ^ @ ! ? \* &

S24. Ans.(a)

S25. Ans.(c)

Sol.



S26. Ans.(c)

Sol.



Pair of opposite letters

S27. Ans.(c)

Sol.

- ii. Opposition
- i. Optimistic
- iv. ordinary
- iii. organization



**S28. Ans.(b)**

**Sol.** Troposphere, stratosphere, Mesosphere Thermosphere, Exosphere are the layers of atmosphere in sequence.

**S29. Ans.(b)**

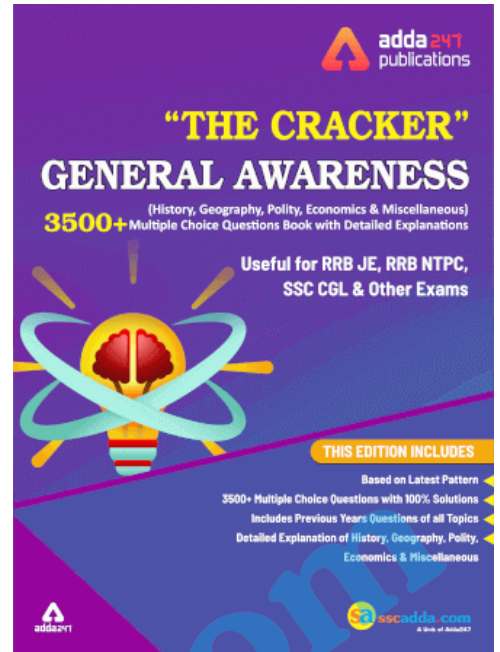
**Sol.** Pair of opposite letters

**S30. Ans.(a)**

**Sol.**

A : B                    ∴        B : A

3 : 1                    1 : 3



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