Reasoning Mega Quiz for RRB NTPC Exams (Solutions)

S1. Ans.(b)
Sol.
3^2 ___ 27
4^2 ___ 64

S2. Ans.(d)
Sol. 49 is the perfect square of 7.
7 का पूर्ण वर्ग 49 है।

S3. Ans.(b)
Sol.
From options-
15 + 16 ÷ 2 × 4 = 47
15 + 32 = 47
47 = 47
So, satisfied the equation.

S4. Ans.(a)
Sol. “T” word not present in the given word “HANDSOME”.

S5. Ans.(a)
Sol.

Total Books = 15 + 5 + 11 + 2 = 33 books.

S6. Ans.(c)
Sol.
7 × 4 × 8 − 3 × 3 × 6 = 170
3 × 4 × 9 − 5 × 2 × 3 = 78
3 × 2 × 8 − 4 × 3 × 1 = 36

S7. Ans.(a)
Sol.
30 − 6 = 4 × 5 + 4
24 = 20 + 4
24 = 24
So, option (a) is correct
S8. Ans.(b)

S9. Ans.(d)
Sol.

\[
\begin{align*}
\text{P E N} & \quad 6 1 3 \\
\text{S T R I N G} & \quad 5 8 0 9 3 4 \\
\text{hence,} & \\
\text{R I P E N} & \quad 0 9 6 1 3 9 3 4
\end{align*}
\]

S10. Ans.(b)
Sol.

\[
\begin{array}{cccc}
D & A & B & C \\
+4 & +4 & +4 & +4 \\
H & E & F & G \\
+4 & +4 & +4 & +4 \\
L & I & J & K
\end{array}
\]

S11. Ans.(a)
Sol.

\[
\begin{array}{cccc}
\text{He is in south-east direction from his school.}
\end{array}
\]

S12. Ans.(c)
Sol.

iii. prefer
iv. preformation
ii. preventive
i. preview

S13. Ans.(b)
Sol.

\[
\begin{align*}
\text{B R I N J A L} & \quad 2 5 6 9 8 4 3 7 \\
\therefore \text{BRINJAL} - 2 5 6 9 4 3 7
\end{align*}
\]
S14. Ans.(c)
Sol.

S15. Ans.(b)
Sol.

S16. Ans.(c)
Sol.

S17. Ans.(a)
Sol. Except Mustard gas, all are crude oil products

S18. Ans.(c)
Sol.

S19. Ans.(c)
Sol. Anjum Ankit Ram Amit Priya
Priya is sitting at the extreme right end.

S20. Ans.(c)
Sol.

Girl is the daughter of the woman.
S21. Ans.(d)  
Sol.

=> So, B & F is adjacent of A.

S22. Ans.(d)  
Sol. 'L' word not present in CONCENTRATION.

S23. Ans.(a)  
Sol. Opposite letter group of pair so, NLMWZB.

S24. Ans.(b)  
Sol.  
\[ 24 + 8 - 2 \times 6 + 6 = -3 \]

S25. Ans.(a)  
Sol. 456 sequence is correct due to shifting of digits.

S26. Ans.(b)  
Sol.  
\[ 7 \times 8 + 4 = 60, \]
\[ 8 \times 8 + 6 = 70 \]

S27. Ans.(c)  
Sol.  
[Diagram showing the position of a person moving 5km and then 3km West.]

S28. Ans.(a)  
Sol. From venn diagram-  
1. √  
2. ×
S29. Ans. (c)
Sol. [Purple yellow is correct answer form dice 1 & dice 2]

S30. Ans. (a)
Sol.