Reasoning Mega Quiz for RRB NTPC (Solutions)

S1. Ans.(b)
Sol. Series of consecutive prime number starting from 17.

S2. Ans.(b)
Sol. The pattern is $\div 2 - 2$

S3. Ans.(c)
Sol. 
$$2 \times 7 \times 9 = 126, 9 \times 4 \times x = 216 \Rightarrow x = 6$$

S4. Ans.(d)
Sol. The pattern is +8, +16, +32

S5. Ans.(c)
Sol. 
$$(8 + 6) \times 4 = 56, (5 + 9) \times x = 84 \Rightarrow x = 6$$

S6. Ans.(b)
Sol. Dinesh was born on 29th September 1999. Day between 15th August and 29th September
45 day = 6 weeks 3 days
Sunday + 3 = Wednesday

S7. Ans.(d)
Sol.

S8. Ans.(c)
Sol. bcb/aca/bcb/aca/bcb/aca/b
S9. Ans.(a)

S10. Ans.(a)
**Sol.** The number of triangles are 27

S11. Ans.(c)

S12. Ans.(a)
**Sol.** The pattern is +12, +12, +12, +12

S13. Ans.(c)
**Sol.** Pair of opposite letters.

S14. Ans.(c)
**Sol.**
\[14 \times 2 = 28, 14 \times 14 \times 2 = 392\]
Similarly \[19 \times 2 = 38, 19 \times 19 \times 2 = 722\]

S15. Ans.(d)
**Sol.**
\[2 + 2 + 1 = 5 \Rightarrow (5)^2 = 25\]

S16. Ans.(c)
**Sol.** The pattern is +2, +3, +4, +5, +6

S17. Ans.(d)
**Sol.** ‘N’ is not present in the given word.

S18. Ans.(d)

S19. Ans.(a)
**Sol.** Only conclusion I follows

S20. Ans.(a)
**Sol.**
\[(2^3)(6^2)(7) = 8367\]

S21. Ans.(a)
**Sol.**
S22. Ans.(b)
Sol. Writer uses pen and painter uses brush.

S23. Ans.(d)
Sol. 5, 4, 3, 1, 2

S24. Ans.(d)
Sol. Two series of alternate terms, 1st: 9, 10, 11, 12
2nd: 8, 16, 32, 64

S25. Ans.(d)
Sol.
The pattern is ÷ 2 + 1

S26. Ans.(c)
Sol.

S27. Ans.(c)
Sol.
8 × 7 = 56, 8 × 9 = 72;
6 × 7 = 42, 6 × 9 = 54.

S28. Ans.(d)
Sol.
H > E > F > G

S29. Ans.(b)
Sol. 480, The digits are rearranged

S30. Ans.(c)
Sol.