Reasoning Mega Quiz for RRB NTPC (Solutions)

S1. Ans.(b)
Sol. Difference of 5; except in 29 – 14

S2. Ans.(b)
Sol.
\[
\begin{align*}
3^3 &= 27 \\
5^3 &= 125 \\
6^3 &= 216 \\
7^3 &= 343 \neq 49.
\end{align*}
\]

S3. Ans.(b)
Sol. 2. Manage
5. Mango
4. Merged
3. Merger
1. Mobile

S4. Ans.(c)
Sol. 5. Stamp
3. Stark
4. Stored
1. Strain
2. Strom

S5. Ans.(b)
Sol.

S6. Ans.(b)
Sol.

TEST SERIES
Bilingual
RRB NTPC PREMIUM
100+ TOTAL TESTS
Validity: 12 Months
S7. Ans.(a)
Sol.

\[
\begin{array}{cccccc}
7 & 10 & 14 & 19 & 25 & 32 \\
+3 & +4 & +5 & +6 & +7 & \\
\end{array}
\]

S8. Ans.(d)
Sol.

\[
\begin{array}{cccccccc}
1 & 7 & 3 & 9 & 6 & 12 & 10 & 16 & 15 & 21 \\
+2 & +3 & +4 & +5 & \\
\end{array}
\]

S9. Ans.(d)
Sol.
Malini = Sarita > Mohini > Nita
Hema > Mohini
Second tallest can't be determined.

S10. Ans.(b)
Sol.
Saksham = \frac{1}{3} Father
Present age of Saksham's grand father = 88 - 3 = 85
And 5 years ago, his age = 85 - 5 = 80
Now, A.T.Q ⇒ Father - 5 = \frac{1}{2} \times 80 = 40
∴ Father = 40 + 5 = 45
Now, Present age of Saksham = \frac{1}{3} \times 45 = 15\text{ years}

S11. Ans.(d)
Sol. Car runs on road.
Rail runs on Track.

S12. Ans.(c)
Sol. Lumen is the unit of light
Pascal is the unit of pressure.

S13. Ans.(d)
Sol. +2 series

S14. Ans.(b)
Sol. +4, +3, +2, +1 series
S15. Ans. (d)
Sol. 
\[12^2 + 12 = 156\]
\[14^2 + 14 = 210\]

S16. Ans. (d)
Sol. 
\[102^2 = 10404\]
\[104^2 = 10816\]

S17. Ans. (a)
Sol. Except lemon, rest three grows under the ground.

S18. Ans. (b)
Sol. Letter is single, and rest are group of letters.

S19. Ans. (c)
Sol. +3 series, except JMQ.

S20. Ans. (d)
Sol. Pair of opposite letters except PK QI.

S21. Ans. (c)
Sol. 

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J is the niece of K
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S22. Ans. (b)
Sol. ‘RICE’; There is no ‘C’ in the given word.

S23. Ans. (c)
Sol. ‘DICTATE’; There is no double ‘T’ in the given word.
S24. Ans.(a) 
Sol.
he is [game] → @ # *
good game play → $ + &
Play that hard → ! $ %
∴ Code for good → &

S25. Ans.(c) 
Sol. CAB = 3 + 1 + 2 = 6
LEG = 12 + 5 + 7 = 24 = 2 + 4 = 6
MAP = 13 + 1 + 16 = 30 = 3 + 0 = 3

S26. Ans.(c) 
Sol. 19 + 2 ÷ 2 + 2 – 14
⇒ 19 × 2 – 2 × 2 + 14
⇒ 38 – 4 + 14
⇒ 48

S27. Ans.(d) 
Sol. 14% 2 * 3 # 8 = 31
⇒ 14 ÷ 2 + 3 × 8 = 31
⇒ 7 + 24 = 31
⇒ 31 = 31

S28. Ans.(a) 
Sol. (11 + 2) × 6 = 78
(15 + 4) × 8 = 152
(17 + 6) × 7 = 161

S29. Ans.(b) 
Sol. 11 = 2 + 8 + 1
= 0 + 4 + 5
= 9

S30. Ans.(d) 
Sol. 3 × 2 = 6; 6 × 3 = 18; 18 × 4 = 72
5 × 2 = 10; 10 × 3 = 30; 30 × 4 = 120
7 × 2 = 14; 14 × 3 = 42; 42 × 4 = 168