Reasoning Mega Quiz for RRB NTPC (Solutions)

S1. Ans.(d)
Sol. Banana is a fruit
Ginger is a stem.

S2. Ans.(b)
Sol.
10001 + 100 = 10101
101 + 100 = 201

S3. Ans.(c)
Sol. –2 Series

S4. Ans.(d)
Sol. +2, +1 series, except G I K

S5. Ans.(b)
Sol. Shirt is used to wear in the upper body part.

S6. Ans.(b)
Sol.
1 + 4 + 5 = 10 (even)
5 + 8 + 1 = 14 (even)
6 + 5 + 1 = 12 (even)
4 + 6 + 3 = 13 (odd)

S7. Ans.(d)
Sol. ‘TEARS’; There is no ‘A’ in the given word.

S8. Ans.(a)
Sol. +2 Series

S9. Ans.(d)
Sol.
80 + 2 ÷ 25 + 5 – 10
⇒ 80 ± 2 – 25 × 5 + 10
⇒ 160 – 125 + 10
⇒ 35 + 10
⇒ 45
S10. Ans.(a)
Sol.
1. clockwise
5. clockwise
to
6. clockwise
to
7. clockwise
8. clockwise

S11. Ans.(a)
Sol.

B Y N : F U R
+ 1
A X L : E T P
+ 1

S12. Ans.(b)
Sol.
Study of Trees → Dendrology
Study of Ants → Myrmecology

S13. Ans.(c)
Sol.
12³ = 1728
28³ = 21952

S14. Ans.(d)
Sol. Except Bhangra, all other are classical dances of India.

S15. Ans.(c)
Sol. Except Altitude, all other are closed figures.

S16. Ans.(a)
Sol. 1/7 is a recurring or repeating number.

S17. Ans.(c)
Sol.
Number of letters in the word in increasing order.

<table>
<thead>
<tr>
<th>word</th>
<th>letters</th>
</tr>
</thead>
<tbody>
<tr>
<td>mob</td>
<td>1</td>
</tr>
<tr>
<td>adda</td>
<td>1</td>
</tr>
<tr>
<td>mango</td>
<td>1</td>
</tr>
<tr>
<td>circle</td>
<td>4</td>
</tr>
<tr>
<td>gangtok</td>
<td>7</td>
</tr>
</tbody>
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Number of letters → 3, 4, 5, 6, 7

S18. Ans.(a)
Sol. As per the pattern, next term will be rStUV.
S19. Ans. (d)
Sol.
\[ 1^3 + 1 = 2 \\
2^3 + 2 = 10 \\
3^3 + 3 = 30 \\
4^3 + 4 = 68 \\
5^3 + 5 = 130 \]

S20. Ans. (d)
Sol.
Gopal’s rank from last = 9
.. Amit's rank from last = 9 + 7 = 16
.. Amit’s rank from the start
= 36 - 16 + 1
= 21

S21. Ans. (c)
Sol.
\[ e f g h / e e f f g g h h / e e e f f g g h h h \]

S22. Ans. (a)
Sol.
\[ 0 + 3 = 3 \\
3 + 5 = 8 \\
8 + 7 = 15 \\
15 + 9 = 24 \\
24 + 11 = 35 \]

S23. Ans. (a)
Sol.

S24. Ans. (b)
Sol.

S25. Ans. (c)
Sol.
\[ 6^2 + 4^2 + 7^2 = 101 \\
2^2 + 5^2 + 11^2 = 150 \\
12^2 + 8^2 + 9^2 = 289 \]
S26. Ans.(d)

S27. Ans.(d)
Sol. ‘IDEAL’, There is no ‘E’ in the given word.

S28. Ans.(d)
Sol.
330 B 6 A 32 C 45 D 12
\[ \Rightarrow 330 \div 6 - 32 + 45 \times 12 \]
\[ \Rightarrow 55 - 32 + 540 \]
\[ \Rightarrow 563 \]

S29. Ans.(b)
Sol.

Raman
Father
Sunaina
Father
Vidur
Saksham
Father
Father
Saksham is grandfather-in-law of Sunaina.

S30. Ans.(c)
Sol. 17 quadrilaterals