RRB NTPC REASONING MEGA QUIZ 22TH DECEMBER (SOLUTIONS)

S1. Ans. (d)
Sol. Written in reverse order

S2. Ans. (d)
Sol. I – 2 C – 1
N – 7 R – 6 D – 9
D – 9 I – 2 I – 2
I – 2 C – 1 R – 6
A – 4 K – 8
E – 3 T – 5
T – 5

S3. Ans. (b)
Sol. Number of letters in the word = 4

S4. Ans. (b)
Sol. The movements of Kunal are shown in the adjacent figure.

(A to B, B to C and C to D)
AC = (AB – BC) = (10 – 6) km = 4 km
Clearly, D is to the North-East of A.
∴ Kunal’s distance from starting point A,
AD = \sqrt{AC^2 + CD^2} = \sqrt{4^2 + 3^2} = \sqrt{25} = 5 km
So, Kunal is 5 km to the North-East of his starting point.

S5. Ans. (a)
Sol.
Akhil — Mother — Ramesh

Rashmi

Ramesh is brother-in-law to Akhil.
S6. Ans. (c)
Sol. 87 B 3 C 4 A 4 D 50
⇒ 87 ÷ 3 × 4 + 4 − 50
⇒ 29 × 4 + 4 − 50
⇒ 116 + 4 − 50
⇒ 120 − 50
⇒ 70

S7. Sol. (a).

S8. Ans. (c)
Sol.

I ×
II ×

S9. Ans. (d)
Sol.

Either I or II

S10. Ans. (b)
Sol. (47−17) ÷ 3 × 7 + 8 = 78

S11. Ans. (a)
Sol.
3 + 9 = 12, 4 + 7 = 11

S12. Ans. (c)
Sol.
Beijing is the capital of China

S13. Ans. (c)
Sol.
-1 pattern

S14. Ans. (b)
Sol. written in opposite order
S15. Ans. (a)  
Sol. Arranging in decreasing order due to marks  
B > (C, D) > A

S16. Ans. (d)  
Sol.  
different pattern

S17. Ans (a)  
Sol.  
All other are elected.

S18. Ans. (c)  
Sol.  
All other are squares

S19. Ans(c).  
Sol. Abate is antonym of all other

S20. Ans. (c)  
Sol.  
\[ \begin{align*}  
5 & \quad 9 & \quad 14 & \quad 20 & \quad ? 
\end{align*} \]

S21. Ans. (b)  
Sol.  
+6 pattern

S22. Ans. (d)  
Sol.  
ATQ,  
Yashita age can be  
2, 3, 5, 7, 11, 13  
Kishan’s age = 3 times of Yashita  
and in between 25 and 36  
⇒ 11, 33 is the pair

S23. Ans. (c)  
Sol.  
Number of alphabet, last letter.

S24. Ans. (b)  
Sol. –1 series

S25. Ans. (b)  
Sol.