# 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 $\div 2 - 2$

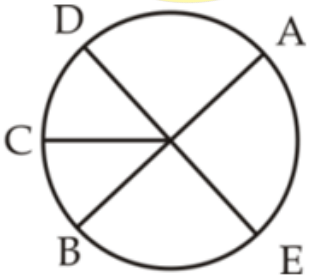
**S3. Ans.(c)**
**Sol.**
$2 \times 7 \times 9 = 126, 9 \times 4 \times x = 216 \Rightarrow x = 6$

**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.**

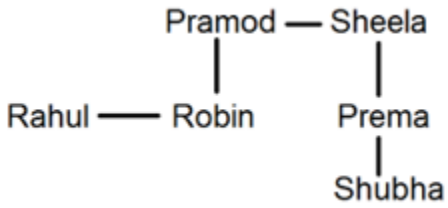
**S22. Ans.(b)**
**Sol.** Writer uses pen and painter uses brush.

**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.**
$8 \times 7 = 56, 8 \times 9 = 72;$
$6 \times 7 = 42, 6 \times 9 = 54.$

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

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

**S30. Ans.(c)**
**Sol.**