29.th Sep. SSC 2019 Reasoning Mega Quiz. Solutions

S1. Ans.(d);
Sol.

\[
\begin{array}{cccccc}
I & N & S & T & A & N \\
O & U & W & E & S & Z \\
F & R & G & E & T & \end{array}
\]

S2. Ans.(b);
Sol.

\[
8 V 10 M 96 L 6 S 9
\Rightarrow 8 - 10 + 96 \div 6 \times 9
\Rightarrow 8 - 10 + 16 \times 9
\Rightarrow 8 - 10 + 144
\Rightarrow 152 - 10
\Rightarrow 142
\]

S3. Ans.(c);
Sol. \(pqr/srq/pqrs/srqp\)

S4. Ans.(d);
Sol.

He is facing in the west direction.

S5. Ans.(c);
Sol. 23, 66, 69, 11, 21

S6. Ans.(b);
Sol.

Woman isn’t Brother’s Daughter.

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S7. Ans.(b);

S8. Ans.(a);
Sol.

S9. Ans.(a);
Sol.

S10. Ans.(a);
Sol.
IV. Transistor
I. Translucent
II. Transparent
III. Transport

S11. Ans.(b);
\[(1 + 11) \times (11 - 1) = 120\]
\[(2 + 7) \times (7 - 2) = 45\]
Sol. \[(3 + 5) \times (5 - 3) = 16\]

S12. Ans.(b);
Sol.

S13. Ans.(c);
Sol. Both conclusion I and II follow

S14. Ans.(c);
Sol. 14

S15. Ans.(b);

S16. Ans.(b);
Sol. The required common person between triangle and circle
so, only 2 person having same similarity.

S17. Ans.(a);

S18. Ans.(d);
S19. Ans.(a);
S20. Ans.(c);

S21. Ans.(b)
Sol. Clearly, we have: 2 x 2 + 1 = 5, 5 x 2 -1 = 9, 9 x 2 + 1 = 19, 19 x 2 -1 = 37,
So, missing term = 37 x 2 + 1 = 75.

S22. Ans.(a)
Sol. The pattern is +2, +4, +8, +16
So, missing term = 28 + 8 = 36.

S23. Ans.(d)
Sol. Clearly, the given the series consists of cubes of odd numbers and squares of even numbers, i.e, 13, 23, 33, 43, ....
So, missing term = 53 = 125.

S24. Ans.(a)
Sol. Clearly, the numerators of the fractions in the given sequence form the series 1, 3, 5, 7, in which each term is obtained by adding 2 to the previous term. The denominators of the fractions form the series 2, 4, 8, 16, i.e. 21, 22, 23, 24. So, the numerator of the fractions will be (7 +2) i.e. 9 and the denominator will be 25 i.e. 32.
Thus, the next term is 9/32.

S25. Ans.(b)
Sol. The given series consists of squares of consecutive odd numbers i.e. 12, 32, 52, 72, ....
So, missing term = 92 = 81

S26. Ans.(c)
Sol. B(+2)→D (+2)→ (+3)→ (+3)→ (+4)→P (+4)→T

S27. Ans.(a)
Sol. U (+7)→B (+7)→I (+7)→P (+7)→ (+7)→D

S28. Ans.(a)
Sol. Z (-6)→T (-6)→N (-6)→ (-6)→B
Z (-3)→ (-3)→T (-3)→Q (-3)→N (-3)→K (-3)→H (3)→ (-3)→B

S29. Ans.(a)
Sol. a (+3)→d (-1)→c (+3)→f (-1)→e (+3)→ (-1)→g (+3)→j (-1)→i.

S30. Ans.(d)