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

S1. Ans.(d);
Sol.

I	N	S	T	A	N	T
+0	+1	+2	+3	+4	+5	+6
I	O	U	W	E	S	Z

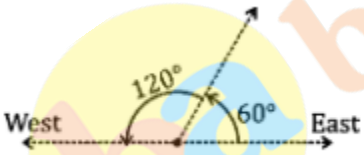
F	O	R	G	E	T
+0	+1	+2	+3	+4	+5
F	P	T	J	I	Y

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. pqrs/srqp/pqrs/srqp

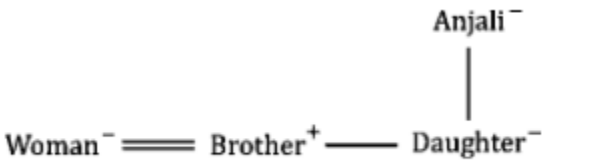
S4. Ans.(d);
Sol.



He is facing in the west direction.

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

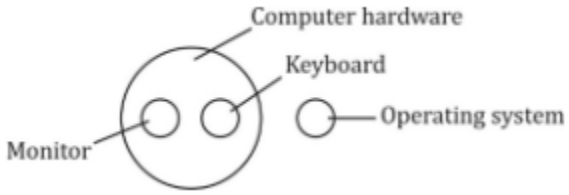
S6. Ans.(b);
Sol.



Woman is the daughter-in-law of Anjali

S7. Ans.(b);

S8. Ans.(a);
Sol.

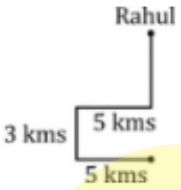


S9. Ans.(a);
Sol.

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

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

S12. Ans.(b);
Sol.



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

S14. Ans.(c);
Sol. 14

S5. 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)
Sol. A (+8)→I (+7)→P (+6)→V (+5)→A (+4)→E (+3)→H