S1. Ans.(d)
Sol.
(a) → MONDAY
(b) → TUESDAY
(c) → FRIDAY
(d) → HOLIDAY

S2. Ans.(c)
Sol. Except option (c), all other belongs to big cat family.

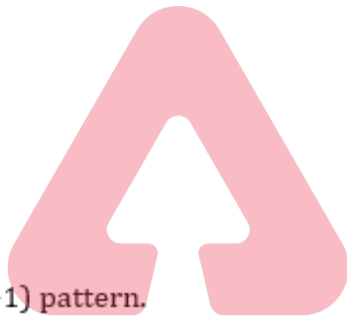**S3. Ans.(a)**
Sol.
I → 9
C → 3
E → 5

S4. Ans.(c)
Sol. $(-1, +1, -1, +1)$ pattern.

S5. Ans.(d)
Sol.
$8 \times (8 - 1) = 56$
Similarly, $4 \times (4-1) = 12$

S6. Ans.(a)
Sol.
$8 - 4 \times 3 \div 6 + 4$
$= 8 - 2 + 4 = 10$

S7. Ans.(b)
Sol. $N \to 4, O \to 0, T \to 7, I \to 8, C \to 1, E \to 5$

S8. Ans.(d)
Sol.
$2 \times 3 + 2 - 15 \div 3$
$= 6 + 2 - 5 = 3$

S9. Ans.(b)
Sol. Charger is inserted in mobile similarly,
Pencil is inserted in sharpener.

S10. Ans.(c)
Sol. Except option (c) all other are worn by human

S11. Ans.(a)

S12. Ans.(b)
Sol. The phrase "only book" in the statement makes II implicit. However, nothing about the state of poverty before 1950 can be deduced from the statement. So, I does not follow.

S13. Ans.(b)
Sol. Nothing about the growth of economy is mentioned in the statement. So, I does not follow. Also, it is given that 35% of national income is shared by 10% of households. This indicates unequal distribution. So, II follows.

S14. Ans.(a)
Sol. Since the advertisement wants girls "able to speak fluently in English" it must have assumed that fluency in English is a requirement for a good model. But height as a criteria is not described in the statement so, the only 1st assumption will implicit.

S15. Ans.(d)
Sol. Since an advertisement offers "best training" in the field of "computers", it must have been assumed by the advertisers that people want "computer training and that they want the "best training". So, both assumptions are implicit.

S16. Ans.(b)
Sol.
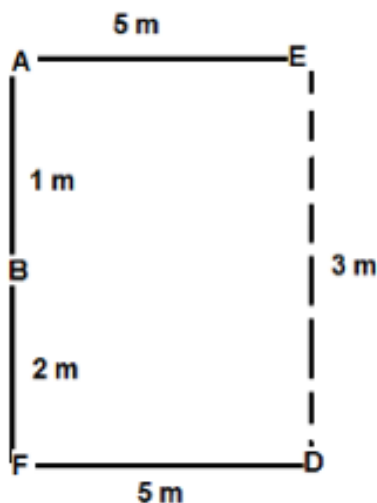
S17. Ans.(b)

S18. Ans.(a)
Sol. Difference of 1, 4, 9, 16 and 25.

S19. Ans.(b)
Sol. - 4 difference between alternate terms written in reverse order.

S20. Ans.(c)
Sol. Except option (c), all other have a difference of 17.
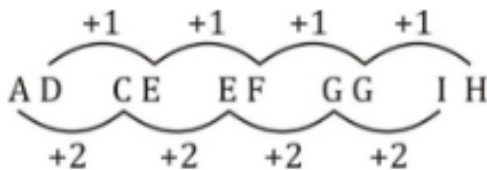
S21. Ans.(d);
Sol. +2 series

S22. Ans.(d);
Sol.

$$12^2 + 12 = 156$$
$$14^2 + 14 = 210$$

S23. Ans.(c);
Sol. +3 series, except JMQ.

S24. Ans.(b);
Sol.

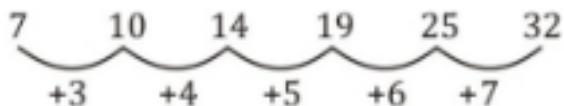**S25. Ans.(a)**;
Sol.

S26. Ans.(c);
Sol.

$$19 + 2 \div 2 + 2 - 14$$
$$\Rightarrow 19 \times 2 - 2 \times 2 + 14$$
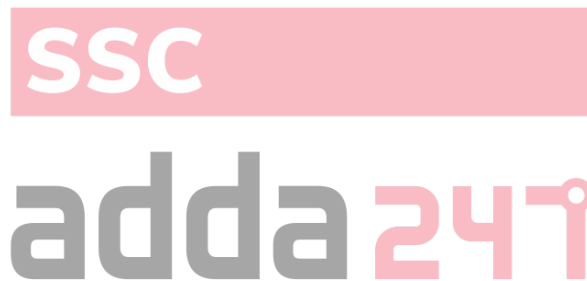$$\Rightarrow 38 - 4 + 14 \Rightarrow 48$$

S27. Ans.(d);
Sol.

$14\% \, 2 * 3 \# 8 = 31$
$\Rightarrow 14 \div 2 + 3 \times 8 = 31$
$\Rightarrow 7 + 24 = 31$
$\Rightarrow 31 = 31$

S28. Ans.(a);
Sol.

$(11 + 2) \times 6 = 78$
$(15 + 4) \times 8 = 152$
$(17 + 6) \times 7 = 161$

S29. Ans.(b);
Sol.

$11 = 2 + 8 + 1$
$= 0 + 4 + 5 = 9$

S30. Ans.(b)
Sol.
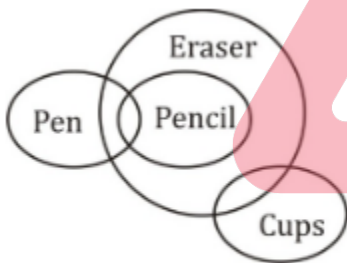
I. ×   II. ×   III. ×   IV. √
Only conclusion IV follows.