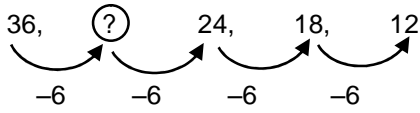


Mental Ability SOLUTION

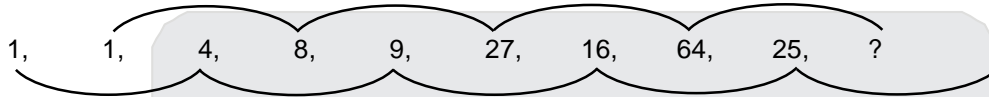
1. [D]



Sol.

$$36 - 6 = 30$$

2. [C]



Sol.

Alternate series

(I) 1, 8, 27, 64, 125

(II) 1, 4, 9, 16, 25

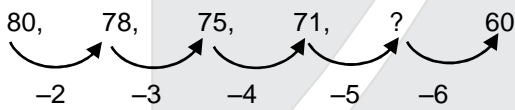
3. [D]

Sol. 3, 5, 8, 13, 21, ? 55

Sum of previous two no's is next no.

$$= 13 + 21 = 34$$

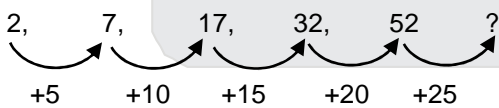
4. [D]



Sol.

$$71 - 5 = 66$$

5. [A]



Sol.

$$= 52 + 25 = 77$$


6. [D]

Sol. BEGK : ADFJ :: P S V Y : O R U X

2,5,7,11 : 1,4,6,10 :: 16, 19, 22, 25 : 15, 18, 21, 24

Place value decreased by 1.

7. [D]

Sol. A B C D N P R T F G H I S U W Y
 1, 2, 3, 4 : 14, 16, 18, 20 6, 7, 8, 9 :: 19, 21, 23, 25


8. [A]

Sol. B L O C K E D : Y O L X P V W
 2, 12, 15, 3, 11, 5, 4 :: 25, 15, 12, 24, 16, 22, 23

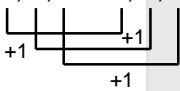


Sum of respective places is : 27

L A U N C H : O Z F M X S
 12, 1, 21, 14, 3, 8 : 15, 26, 6, 13, 24, 19

9. [B]

Sol. a C E : b d F f h j : g i k
 1, 3, 5 : 2, 4, 6 :: 6, 8, 10 : 7, 9, 11



10. [D]

Sol. Menu : Food : : Catalogue : **Books**

11. [C]

Sol. Teacher : Student : : Doctor : **Patient**

12. [D]

Sol. Feather : Soft : : Glass : **Hard**

13. [C]

Sol. Sky : Cloud : : Water : **Ice**

Clouds & Ice Floats in sky & water respectively.

14. [A]

Sol. Bird : Flying : : Animal : **Running**

15. [B]

Sol. Court : Justice : : School : **Education**

16. [D]

Sol. Picasso related with **painting** .

17. [D]

Sol. **Simla** is only the capital among all options.

18. [B]

Sol. **MANGO** (Contains only one seed)

Rest having many seeds.

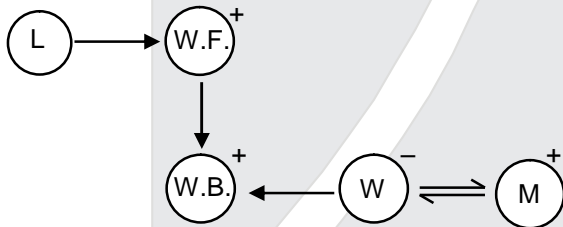
* Tomato is also a fruit.

19. [B]

Sol. 90 days = 12 week + 6 days

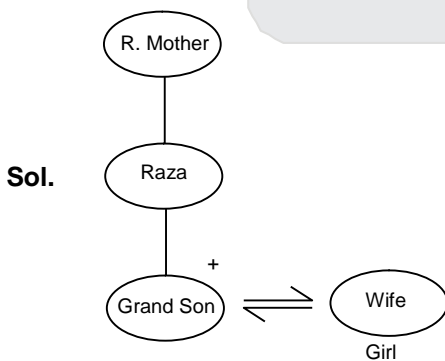
Sunday + 6 days = **Saturday**

20. [C]



Sol. Lady is **Sister of father-in-law**

21. [D]



Father-in-Law.

22. [C]

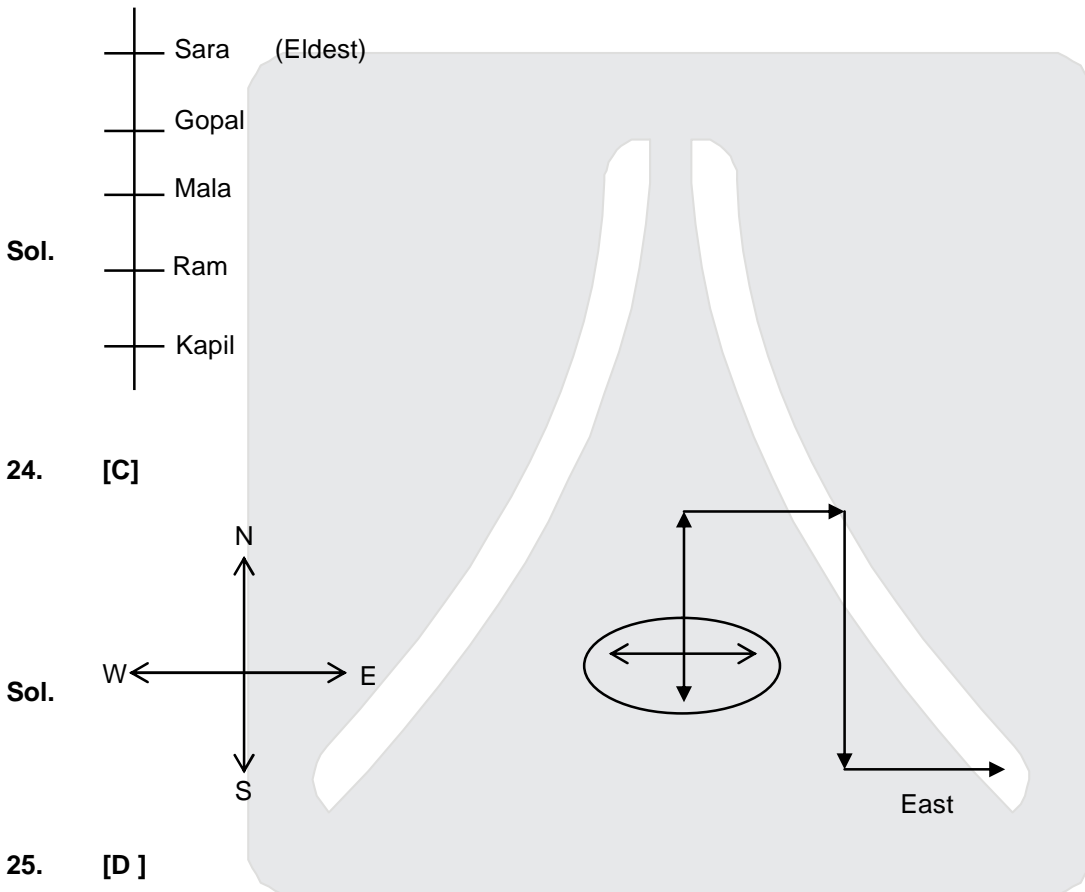
Sol. 2nd sept 2016 – Friday.

Again, 9th, 16th, 23th, 30th → Friday

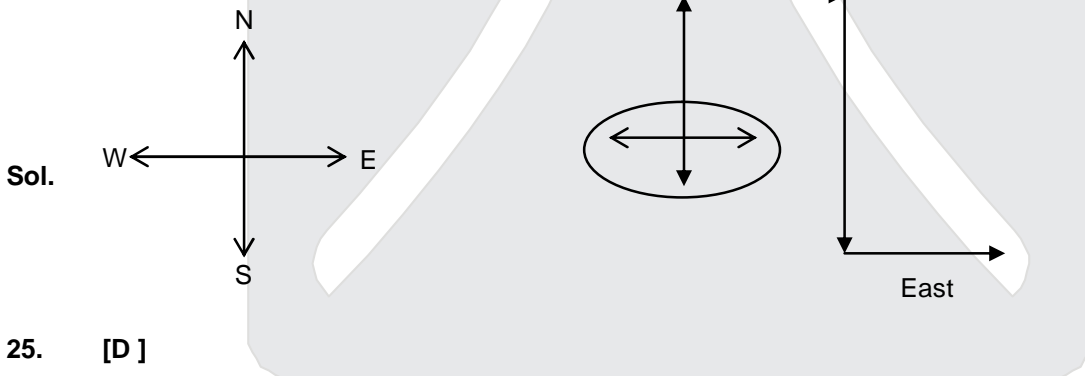
⇒ Total '5' Friday in sept.

23.

[A]



24. [C]



25. [D]

Sol. Cloud rest options are seasons

26. [D]

27. [C]

28. [C]

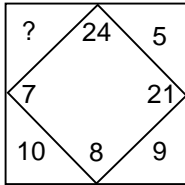
29. [B]

41. [D]

Sol. 8, 18, 38, 78, ?, 318
 $+10 \quad +20 \quad +40 \quad +80 \quad +160$

$$78 + 80 = 158$$

42. [BC]



Sol.

$$7 \times 3 = 21$$

$$8 \times 3 = 24$$

Also, $5 + 5 = 10$

I $4 + 5 = 9$

II $9 + 5 = 14$

option 4 & 14 both are correct

43. [D]

Sol. $2^2 = 4, 3^2 = 9, 4^2 = 16, 5^2 = 25$

44. [C]

Sol.

$$\boxed{M+W} = 2$$

$$\boxed{S_1W_2} + \boxed{S_2W_2} + \boxed{S_3W_3} = 6$$

$$\boxed{S_1S_1S_3} + \boxed{S_1S_2S_3} + \boxed{S_1S_2S_3} = 9$$

Total members = $9 + 6 + 2 = 17$

45. [A]

Sol. $\frac{26 \text{ ft}}{3} = \left(8 + \frac{2}{3}\right) \text{ ft}$

$$= 8 \text{ ft} + \left(\frac{2}{3} \times 12\right) \text{ Inches}$$

$$= 8 \text{ ft} + 8 \text{ inches}$$

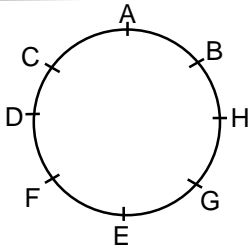
46. to 48

46 [A],

47. [D],

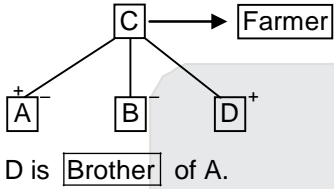
48. [C]

Sol.



49.

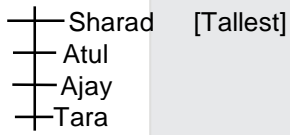
Sol.



Option (D)

50.

Sol.



Option (C)

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