

ANSWER WITH EXPLANATION

[SET - 4]

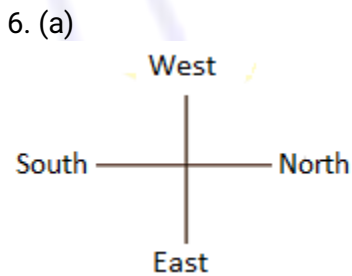
1. (a)
Except banyan, all are coniferous plants

2. (c)
Difference of 6 except VN (difference of 8)

3. (b)
 $42 = 6 \times 7$
 $27 = 3 \times 9$
 $54 = 9 \times 6$
 $24 \neq 72 = 9 \times 8$

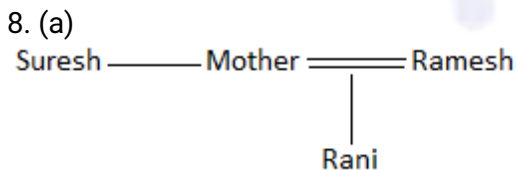
4. (b)
 $8 + 9 + 1 + 2 = 20$
 $5 + 5 + 5 + 5 = 20$
 $6 + 7 + 3 + 4 = 20$
 $3 + 4 + 6 + 9 = 22$

5. (c)
str/ rts / str

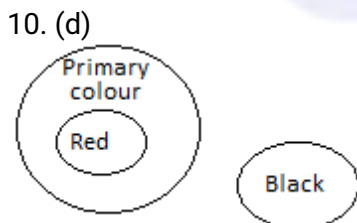


(Direction showing in the compass)
Hence, Man has to go to the north, if he wishes to move towards the east.

7. (a)



9. (d)



Solve (11-15) :

E B C F D A \downarrow South facing

V U Y W T X \uparrow North facing

11. (b) 12. (c) 13. (a) 14. (d) 15. (a)

16. (b)
Difference = $(30+20+35+35) - (35+5+45)$
 $= 120 - 85 = 35$

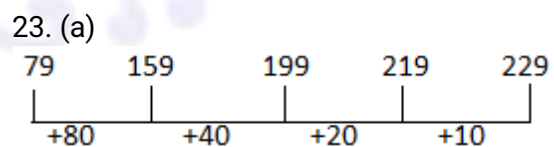
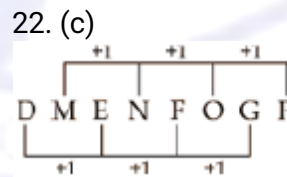
17. (c)
Required number = $20+35+35=90$

18. (d)
Required number = $35+5=40$

19. (b)
Required number = 30

20. (b)
Troposphere, stratosphere, Mesosphere
Thermosphere, Exosphere are the layers of atmosphere in sequence.

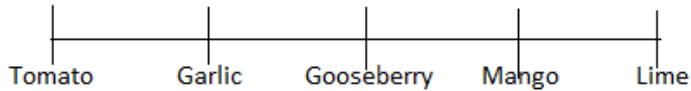
21. (b)
Pair of opposite letters



24. (c)
By checking option c,
 $2 - 16 \div 2 + 6 \times 1 = 2 - 8 \div 6 = 0$

25. (d)

Solve (26 – 28):



26. (d) 27. (a) 28. (c)

29. (a)

A : B = 3 : 1 so, B : A = 1 : 3

30. (a)

iii. Attain

iv. Attention

ii. Attenuation

i. Attribute

31. (a)

Here last letter becomes first position and increase 1 and so on

32. (a)

$7^2 + 4^3 = 113$, $6^2 + 5^3 = 161$ Hence, $2^2 + 3^3 = 31$

33. (b)

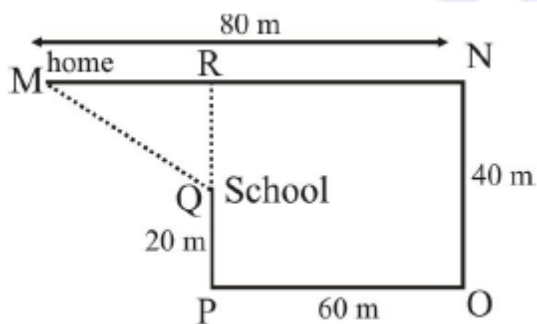
$$\begin{aligned} &154 \text{ B } 11 \text{ C } 6 \text{ A } 6 \text{ D } 27 \\ &= 154 \div 11 \times 6 + 6 - 27 \\ &= 14 \times 6 + 6 - 27 \\ &= 84 + 6 - 27 \\ &= 90 - 27 \\ &= 63 \end{aligned}$$

34. (D)

Arun's father's mother-in-law => Arun's grandmother
Grandmother's elder son => Arun's maternal uncle
So Arun's mother is sister of that man.

35. (a)

(36 – 40)



36. (b)

37. (a)

Total distance = $80 + 40 + 60 + 20 = 200 \text{ m}$

38. (b)

If total 30 students ahead of Rahul So, Rahul will take to enter the school
 $= 30 \times 1.5 = 45 \text{ minutes.}$
 $9 : 45 + 45 = 10 : 30 \text{ O'clock}$

39.(d)

$$\begin{aligned} \text{Shortest distance M Q} &= \sqrt{(MR)^2 + (QR)^2} \\ &= \sqrt{(20)^2 + (20)^2} \\ &= \sqrt{400 + 400} \\ &= 800 \\ &= 20\sqrt{2} \text{ m} \end{aligned}$$

40. (d)

Child = Ragini grandmother's only son's son = Ragini's father's son = Ragini's brother. So, mother of the child is Ragini's mother.

41. (c)

Total number of girls in row = Position of Sunita from L.H.S + Position of Sunita from R.H.S - 1 = $11 + 11 - 1 = 21$

42. (c)

(16 people) P and Q (18 people). Since R is exactly in the middle and also 24th from the front so, number of people between P and R is 6. Similarly between R and Q is 6. So total people = $16 + P + 6 + R + 6 + Q + 18 = 49$

43. (b)

Shakti is shorter than Kunal but taller than Rakesh.
 $\text{Rakesh} < \text{Shakti} < \text{Kunal}$
Ashish is a little shorter than Kunal and little taller than Shakti.
 $\text{Rakesh} < \text{Shakti} < \text{Ashish} < \text{Kunal}$
Madhu is the tallest.
 $\text{Rakesh} < \text{Shakti} < \text{Ashish} < \text{Kunal} < \text{Madhu}$
Thus Shakti will be second if they stand in order of their increasing heights.

44. (a)

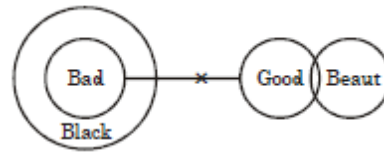
Total = $15 + 9 - 1 = 23$
Hence, Total boys = 23.

45. (d)

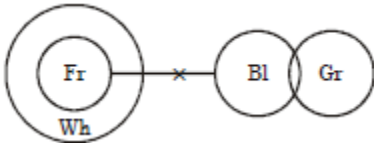
Raj's rank 12th from the last,
so Anil's rank $(12+5) = 17^{\text{th}}$ from last .
 $46 + 1 = \text{Left} + 17$

Left = $47 - 17 = 30$

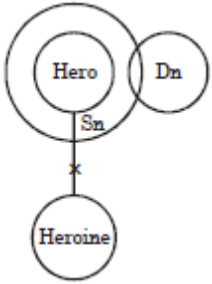
Hence, Anil's rank 30th from the start.



46. (d)

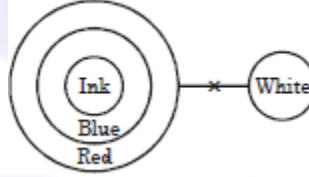


47. (d)

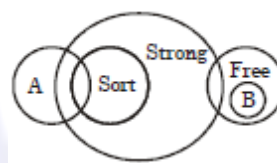


48. (a)

49. (b)



50. (e)



If any query about these questions, Please contact 8167092555 from 10am to 6pm.

GEORGE SCHOOL OF COMPETITIVE EXAMS

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