

(MAT Solution)

1. (4)

Sol. Odd one out is k – 1333 as B - 2^3 , J - 10^3 , G - 7^3

2. (3)

Sol. Mercury is odd one out as it is in liquid form

3. (2)

Sol. KOSW is odd one out, as in other three options a pattern is followed i.e. two letters are added in the letter to get next letter, but in KOSW this pattern is not followed

$$D \xrightarrow{E,F} G \xrightarrow{H,I} J \xrightarrow{K,L} M$$

4. (2)

Sol. In figure (2), two adjacent triangles are not filled, but in remaining figures 2 adjacent triangles are filled, so Fig (2) is odd one out

5. (3)

Sol. In figure (3) total no. of lines are 4 but in other three figures there are 3 lines to form the figure so fig (3) is odd one out.

6. (3)

Sol. Figure 3 is odd one out

7. (2)

Sol. In figure (2) the figure is not divided into two equal parts but in other figures the figure is divided into two equal parts.

8. (3)

Sol. Parliament is the head in Britain & congress is in United States of America

9. (1)

Sol. $6 : 222 :: 8 : ?$

$$6^3 + 6 = 222$$

$$8^3 + 8 = 520$$

10. (4)

Sol.
$$\begin{array}{cccc} C & E & J & P \\ +2 \downarrow & +1 \downarrow & +2 \downarrow & +1 \downarrow \\ F & G & M & S \end{array} \quad \begin{array}{cccc} F & K & R & U \\ +2 \downarrow & +1 \downarrow & +2 \downarrow & +1 \downarrow \\ I & M & U & W \end{array}$$

↓
Similarly

11. (1)

Sol. Figure (1) will follow the sequence

12. (2)

Sol. Figure (2) will follow the sequence

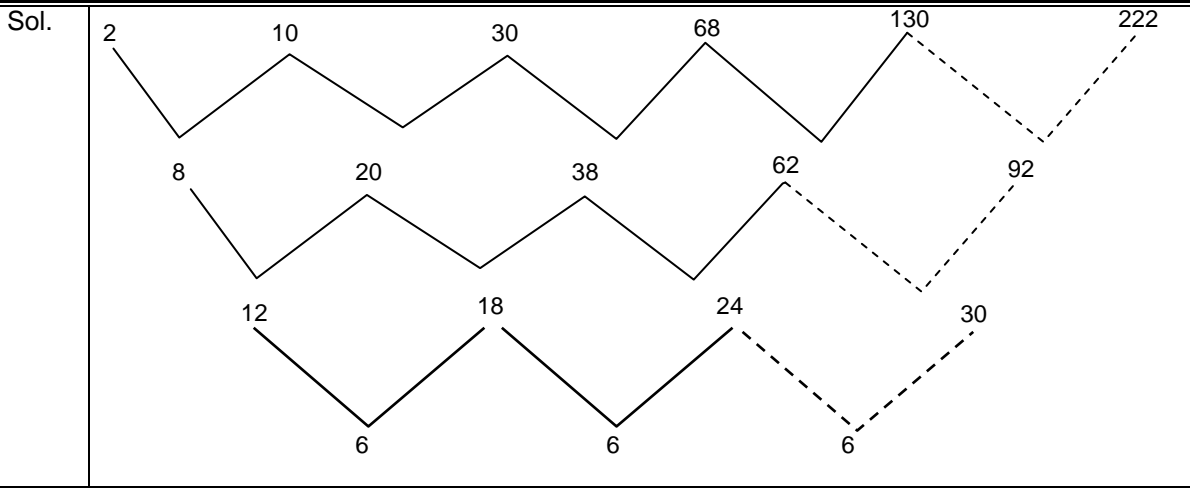
13. (4)

Sol. Figure (4) will follow the sequence

14. (1)

Sol. Figure (1) will follow the sequence

15. (3)



16. (2)

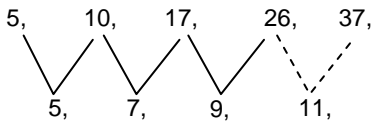
Sol. It is compound series of two different series

6, 12, 20, 30, ? & 2, 6, 12, 20, ?

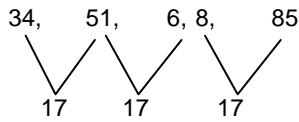
so answers will be 42 & 30

17. (3)

Sol. It is a compound series of two different series



&



∴ series will be

5, 34, 10, 51, 17, 68, 26, 85, 37

18. (1)

Sol. Figure (1) will follow the given sequence as

- is showing anti clock wise movement

△ is showing anti clock wise movement

Arrow is showing clockwise movement

Based on above information figure (1) follows the sequence .

19. (4)

Sol. Figure (4) will follow the given sequence

20. (2)

Sol. Figure (2) will follow the given sequence

21. (1)

Sol. Figure (1) will follow the given sequence

22 - 28

From the above information codes of the letter are

P - 5

O - 6

R - 4

E - 3

J - 2

S - 7

L - 1

V - 9

22. (3)

Sol. Code of OPR is 654

23. (1)

Sol. Code of SLV is 719

24. (4)

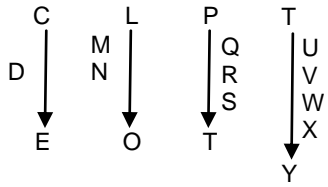
Sol. Code of E JL is 321

25. (2)

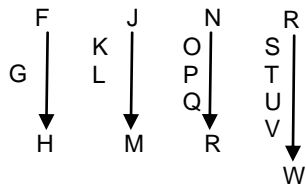
Sol. Code of RES is 437

26. (3)

Sol.

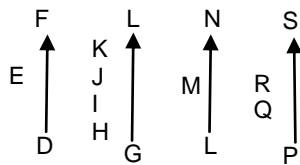


Similarly

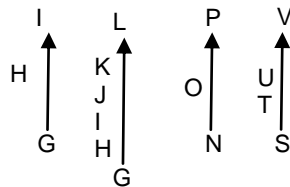


27. (2)

Sol.

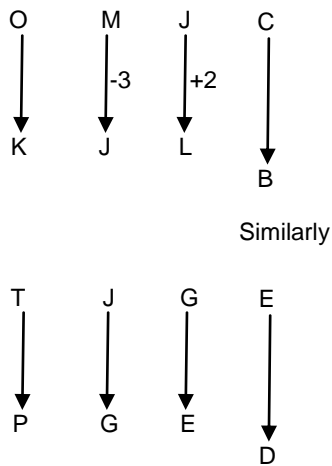


Similarly



28. (1)

Sol.



29. (2)

Sol. From the option

M Q B A T | M Q B A I | M O B A T

30. (4)

Sol. From the option

N T P C | N I P C | N I P C

31. (3)

Sol. From the options

I L M C | I L M C | T L M C

32. (1)

Sol. K B C | K B C | K B C

33. (3)

Sol. B M C K | B M C K | B M C K.

34. (1) $\div + =$

Sol. Form options, $24 \div 6 + 2 = 6$ [BODMAS RULE]

$$4 + 2 = 6$$

$$\text{LHS} = \text{RHS}$$

35. (4) $\times - =$

Sol. $3 \times 5 - 7 = 8$ [BODMAS]

$$15 - 7 = 8$$

$$8 = 8$$

36. (2)

Sol. $24 \div 6 + 2 = 6$

$$4 + 2 = 6$$
 [BODMAS]

$$6 = 6$$

37. (3) $\times + =$

Sol. $6 \times 4 + 5 = 29$

$$24 + 5 = 29$$
 [BODMAS]

$$29 = 29$$

38. (1) $- + =$

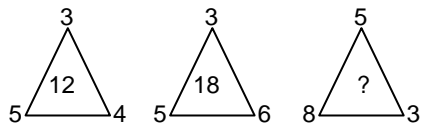
Sol. $17 - 7 + 3 = 13$

$17 - 4 = 13$ [BODMAS]

$13 = 13$

39. (4)

Sol.



In all figures 5 is common. eliminating 5 & product of other two no 5 is middle one.

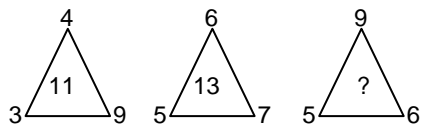
$4 \times 3 = 12$

$\Rightarrow 8 \times 3 = 24$

$6 \times 3 = 19$

40. (3)

Sol.



Adding all digits on corners & subtracting 5 from all we get middle value.

$9 + 4 + 3 = 16 - 5 = 11$

$7 + 5 + 6 = 18 - 5 = 13$

$9 + 6 + 5 = 20 - 5 = 15$

41. (2)

Sol. Adding all digits on corners & subtracting 9 from all we get middle value.

$7 + 7 + 3 = 17 - 9 = 8$

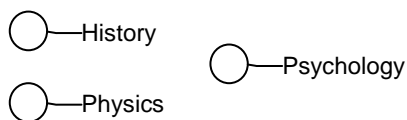
$4 + 3 + 6 = 13 - 9 = 4$

$6 + 8 + 5 = 19 - 9 = 10$

42. (4)

Sol.

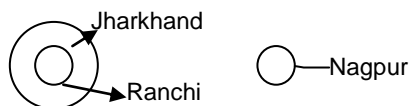
All three subjects are different from each other



43. (4)

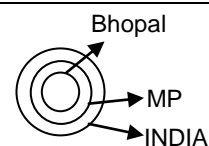
Sol.

Ranchi is in Jharkhand, But Nagpur does not belong to any of both.



44. (2)

Sol.



45 - 47 Table

	RADHA	SUMAN	SEETA	GEETA	REETA
MONDAY	✓	✓	×	✓	×
TUESDAY	×	✓	×	×	×
WEDNESDAY	✓	✓	✓	✓	✓
THURSDAY	×	✓	✓	✓	✓
FRIDAY	×	✓	×	×	✓
SATURDAY	×	×	×	✓	×
SUNDAY	-	-	-	-	-

From the given table.

45. (2)

Sol. Wednesday

46. (2)

Sol. Four

47. (2)

Sol. Seeta – Reeta

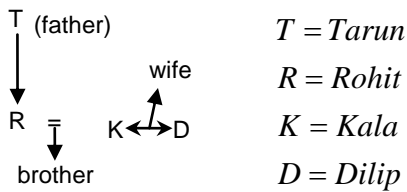
48. (1)

Sol. 7 rank from top & 26th from bottom means.

$$7 + 26 - 1 = 32$$

49. (2)

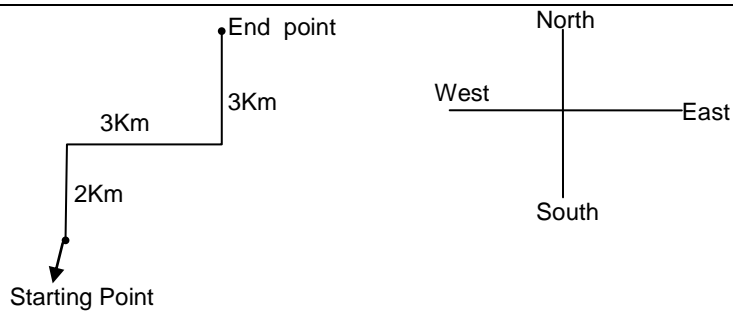
Sol.



Hence from diagram Relation is Brother in Law

50. (3)

Sol.



Hence person is facing North.

(English - Solution)

51. (2)

Sol. Refer to line 1 (Para. 2) 'After point'.

52. (3)

Sol. Refer to line 3 'when he was ..across.

53. (1)

- Sol. Ref. to line 2 and 3, 'he triedahead of him'
54. (2)
- Sol. Refer to line 4 (Para. 2) 'ice it'
55. (4)
- Sol. Refer to last line (Para. 2) Then at last out'
56. (1)
- Sol. Refer to line 1 (Para. 1) 'Every readerthings.
57. (1)
- Sol. Refer to line 3 to 5 (Para. 1) 'seeing is active. Onceprogress
58. (3)
- Sol. Refer to line 1 and last (Para. 2)
59. (4)
- Sol. Refer to line 4 and 5 (Para. 5)
60. (4)
- Sol. logical inference makes (4) the correct option
61. (3)
- Sol. Option (3) is logically correct
62. (1)
- Sol. Option (1) is logically correct
63. (4)
- Sol. Option (4) is correct according to the logical sequence
64. (3)
- Sol. The paragraph talks about Nigel's mother
P – tells about his father & mother's death
Q - refers to him mother-
65. (2)
- Sol. Fits is the best
66. (2)
- Sol. Preposition 'by' after the blank and logic suggests (2) as the correct option.
67. (1)
- Sol. Fits is the best
68. (2)
- Sol. Fits in the best
69. (4)
- Sol. Fits in the best
70. (3)
- Sol. Fits in the best
71. (2)
- Sol. Fits in the best
72. (3)
- Sol. Fits in the best
73. (3)
- Sol. Option (2) is the most appropriate choice
74. (4)

- Sol. Fits in the best
75. (1)
- Sol. Fits in the best
76. (3)
- Sol. Fits in the best
77. (1)
- Sol. Fits in the best
78. (2)
- Sol. Fits in the best
79. (4)
- Sol. Fits in the best
80. (1)
- Sol. Fits in the best
81. (1)
- Sol. fits in the best however, option 1 is mis printed. 'correct – lift
82. (2)
- Sol. Fits in the best
83. (3)
- Sol. Fits in the best
84. (2)
- Sol. means to search which is the best option.
looked out - to be careful / watchful
looked for – means to search which is the best option
looked up – to search for and find / to visit / to become better
looked into – to inquire
85. (4)
- Sol. Fits in the best
86. (1)
- Sol. 'think over' - to ponder or consider
87. (2)
- Sol. broken down - failed to function / ceased to be useful.
88. (2)
- Sol. Option (2) is the most suitable
89. (1)
- Sol. Showing quiet and gentle nature, Therefore option (1) is correct
90. (4)
- Sol. Option (2) is the most suitable