SECTION 1 (Mental Maths Calculation)

1.
$$\begin{array}{r} 5\ 6\ 7 \\ +\ 2\ 9\ 8 \\ \hline \end{array}$$

(a) 755 (b) 855
(c) 765 (d) 865

2.
$$\begin{array}{r} 7\ 4\ 2 \\ -\ 4\ 8\ 6 \\ \hline \end{array}$$

(a) 256 (b) 246
(c) 356 (d) 346

3.
$$\begin{array}{r} 4\ 8\ 6 \\ +\ 3\ 7\ 5 \\ \hline \end{array}$$

(a) 761 (b) 851
(c) 861 (d) 751

4.
$$\begin{array}{r} 9\ 4\ 6 \\ -\ 5\ 8\ 8 \\ \hline \end{array}$$

(a) 368 (b) 358
(c) 468 (d) 458

5. $47 + \square = 92$

(a) 45 (b) 65
(c) 55 (d) 35

6. $82 - \square = 57$

(a) 45 (b) 55
(c) 25 (d) 35

7. $\square + 33 = 61$

(a) 22 (b) 32
(c) 28 (d) 38

8. $\square - 29 = 57$

(a) 86 (b) 96
(c) 76 (d) 72

9. What is next
71, 63, 55, $\square$

(a) 47 (b) 49
(c) 37 (d) 39

10. What is next number
29, 36, 42, $\square$

(a) 59 (b) 49
(c) 79 (d) 39

11. Find the missing digit in a box.
$$\begin{array}{r} 6\ \square\ 2 \\ -\ 4\ 8\ 9 \\ \hline 1\ 6\ 3 \end{array}$$

(a) 3 (b) 5
(c) 4 (d) 6

12.
$$\begin{array}{r} 6\ 2\ \square \\ +\ 2\ 9\ 8 \\ \hline 9\ 2\ 4 \end{array}$$

(a) 3 (b) 5
(c) 4 (d) 6

13. $48 \div 6 =$ _____

(a) 8 (b) 6
(c) 4 (d) 9

14. $8 \times 12 =$ _____

(a) 91 (b) 96
(c) 86 (d) 92

15. $54 \div 9 =$ _____

(a) 7 (b) 8
(c) 6 (d) 4

16. $18 \times 9 =$ _____

(a) 152 (b) 142
(c) 162 (d) 122

17. $63 \div 7 =$ _____

(a) 9 (b) 8
(c) 7 (d) 6

18. $99 \div 11 =$ _____

(a) 9 (b) 7
(c) 8 (d) 6

19. $8 \times 18 =$ _____

(a) 164 (b) 144
(c) 184 (d) 154

20. $96 \div 16 =$ _____

(a) 11 (b) 16
(c) 21 (d) 6

21. $19 \times 9 =$ _____

(a) 161 (b) 181
(c) 171 (d) 191

22. $112 \div 16 =$ _____

(a) 7 (b) 8
(c) 9 (d) 6

23.
$$\begin{array}{r} 7\ 8 \\ \times\ \ 6 \\ \hline \\ \hline \end{array}$$

(a) 468 (b) 428
(c) 458 (d) 438

24.
$$\begin{array}{r} 4\ 7 \\ \times\ \ 4 \\ \hline \\ \hline \end{array}$$

(a) 178 (b) 188
(c) 198 (d) 168

25. $\square \times 7 = 84$

(a) 14 (b) 24
(c) 12 (d) 22

26. $\square \div 8 = 11$

(a) 88 (b) 89
(c) 99 (d) 811

27. $\square \times 7 = 91$

(a) 23 (b) 13
(c) 24 (d) 14

28. $\square \div 5 = 19$

(a) 85 (b) 75
(c) 95 (d) 65

29. $8 \times \square = 72$

(a) 7 (b) 8
(c) 6 (d) 9

30. $84 \div \square = 6$

(a) 16 (b) 24
(c) 14 (d) 26

31. Double of 49 = _____

(a) 108 (b) 98
(c) 89 (d) 88

32. Half of 54 = _____

(a) 27 (b) 37
(c) 32 (d) 22

33. Double of 53 = _____

(a) 86 (b) 96
(c) 69 (d) 106

34. Half of 76 = _____

(a) 33 (b) 36
(c) 43 (d) 38

35. $(5 + 8) \times (11 + 4)$ = _____

(a) 195 (b) 175
(c) 185 (d) 165

36. $(13 - 6) \times (4 + 9)$ = _____

(a) 91 (b) 71
(c) 81 (d) 61

37. $(14 + 5) \times (2 + 7)$ = _____

(a) 161 (b) 181
(c) 171 (d) 191

38. $(13 - 5) \times (16 - 7)$ = _____

(a) 63 (b) 49
(c) 72 (d) 56

39. [Double of 26] – 15 = _____

(a) 47 (b) 37
(c) 27 (d) 57

40. Double of 47 – Half of 74 = _____

(a) 47 (b) 57
(c) 67 (d) 37

SECTION 2
(Mental Maths Concepts)

41. 9 hundred + 7 ones = _____

(a) 971 (b) 977
(c) 907 (d) 970

42. 7 tens less than 6 hundred = _____

(a) 640 (b) 630
(c) 540 (d) 530

43. 8 tens more than 6 hundred 6 tens & 9 units = _____

(a) 749 (b) 789
(c) 649 (d) 689

44. Which of the following is arranged in descending order.

(a) 902, 809, 890, 799
(b) 690, 670, 682, 661
(c) 706, 699, 599, 400
(d) 432, 567, 720, 900

45. What is the smallest three digit number can be formed by using each digit only once.

5, 2, 3

(a) 325 (b) 225
(c) 305 (d) 235

46. What is the largest number can be formed using each digit only once. 8, 1, 4

(a) 894 (b) 849
(c) 841 (d) 814

47. 579 = 500 + ☐ + 9

The missing number in the box is

(a) 79 (b) 7 tens
(c) 5 hundred (d) 7

48. Form the largest 3 digit number by using following digits only once.

7, 2, 6, 4, 3, 5

(a) 765 (b) 789
(c) 987 (d) 675

49. Form the smallest 3 digit number by using following digits only once.

4, 1, 3, 2, 5, 9

(a) 129 (b) 102
(c) 459 (d) 123

50. (90 ÷ 6) + 8 = _____

(a) 34 (b) 24

(c) 13 (d) 23

51. (12 × 7) + 19 = _____

(a) 103 (b) 113

(c) 83 (d) 93

52. $\frac{8}{17} + \square = \frac{24}{17}$

(a) $\frac{16}{17}$ (b) $\frac{26}{17}$

(c) $\frac{6}{17}$ (d) $\frac{36}{17}$

53. $\frac{8}{9}$ and $\square$ make 1 whole.

(a) $\frac{1}{8}$ (b) $\frac{5}{8}$

(c) $\frac{5}{9}$ (d) $\frac{1}{9}$

54. 8 & half = _____ quarters

(a) 34 (b) 14

(c) 17 (d) 37

55. $4\frac{1}{4}$ = _____ quarters

(a) 9 (b) 5

(c) 17 (d) 15

56. 6 years 7 months = _____ months

(a) 67 (b) 69

(c) 79 (d) 77

57. 17 week = _____days

(a) 117 (b) 119

(c) 107 (d) 109

58. 6 hrs = _____ min

(a) 420 (b) 360

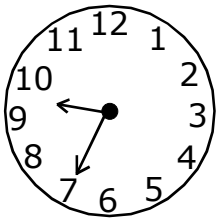
(c) 560 (d) 240

59. 8 dozens = _____ unit

(a) 96 (b) 80

(c) 88 (d) 86

60.



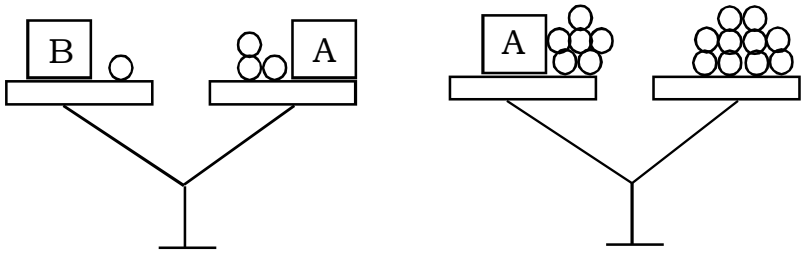
Time is _____

(a) 10: 35 hrs (b) 9 : 07 hrs

(c) 9: 35 hrs (d) 10: 07 hrs

SECTION 3 (Mental Maths Challenge)

61.



Weight of box B is _____ units.

(a) 5 (b) 6 (c) 7 (d) 4

62.

43,	56,	52,	39
61,	72,	55	

Which of the following numbers add upto 95.

(a) 43,56 (b) 56,52 (c) 39,61 (d) 43,52

63. 87 – 33 = ☐ × 9

(a) 7 (b) 6 (c) 8 (d) 5

64. Six numbers are as given below.

(1) (2) (3) (7) (12) (17)

use each number only once.

☐ – ☐ = 10

Which number from given number is not used.

(a) 7 (b) 3 (c) 12 (d) 2

65. Rupesh is standing in a queue. He is 19 from the front and 27th from back. How many people are standing in the queue.

(a) 46 (b) 47 (c) 45 (d) 27

66. 21 + 12 = X 29 – 14 = Y 35 + 9 = Z

There fore X + Y + Z = _____

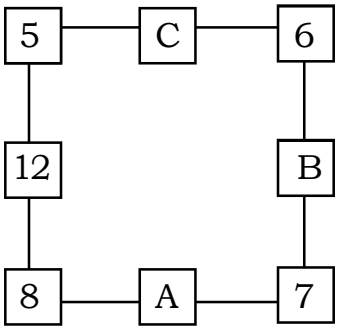
(a) 91 (b) 90 (c) 89 (d) 92

67.

The total amount is ₹ = _____

(a) 792 (b) 652 (c) 692 (d) 752

68.



The number on each side of a square add upto 25

A + B + C = -------

(a) 36 (b) 26 (c) 35 (d) 27

69. Which of the following box has the different answer from other three boxes.

(i) 14 × 4 (ii) 7 × 8 (iii) 39 + 18 (iv) 100 – 44

(a) (i) (b) (ii) (c) (iii) (d) (iv)

70. John is 17 years old. He is 39 years younger than his father. His father age is _____ yrs.

(a) 55 (b) 56 (c) 66 (d) 65

71. There were some eggs in a nest. A snake came along and ate 43 eggs. If 17 eggs are remaining in the nest, how many eggs were in the nest at first?

(a) 61 (b) 60 (c) 62 (d) 59

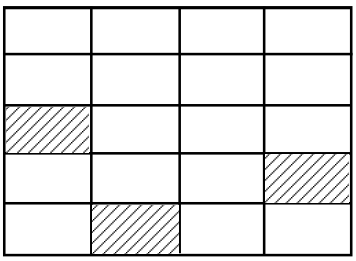
72. The minute hand is pointing at 9 and hour hand is pointing between 3 and 4.

(a) 4 hrs. 45 min (b) 9 hrs. 15 min (c) 3 hrs. 45 min (d) 9 hrs. 20 min

73. Out of 108 apples Vedant ate 32 apples and his father ate 27 apples. How many apples were left?

(a) 59 (b) 49 (c) 41 (d) 51

74.



How many more part to be shaded in the figure below to show $\frac{3}{4}$?

(a) 2 (b) 9 (c) 7 (d) 12

75. ◯ + ◯ = 76

13+ ◯ = ☆ What does ☆ + ◯ stands for ?

(a) 89 (b) 91 (c) 90 (d) 88