SECTION 1 (Mental Maths Calculation)

1. 3276+ + 2713 = _____
(a) 5899   (b) 9588
(c) 5989   (d) 5898

2. 6846 – 2374 = _____
(a) 4472   (b) 4724
(c) 4427   (d) 7422

3. 7056 + 1743 = _____
(a) 8599   (b) 8699
(c) 8499   (d) 8799

4. 7493 – 4272 = _____
(a) 3212   (b) 3122
(c) 3221   (d) 3123

5. 4856 – 3276 = _____
(a) 1580   (b) 1480
(c) 1380   (d) 1680

6. 3754 + 5332 = _____
(a) 9068   (b) 9608
(c) 9680   (d) 9086

Find Value of A (Q.7 to Q.10)

7.
```
    6   4   2   A
+   1   5   2   9
    7   9   5   8
```
(a) 8   (b) 9
(c) 7   (d) 6

8.
```
    7   9   5   8
–   3   6   A   9
    4   2   6   9
```
(a) 7   (b) 6
(c) 8   (d) 5

9.
```
    6   5   4   7
–   4   8   3   7
    1   7   A   0
```
(a) 2   (b) 1
(c) 4   (d) 3

10.
```
    4   7   5   5
+   2   1   A   4
    6   9   0   9
```
(a) 5   (b) 7
(c) 6   (d) 4

11. 517 – ☐ = 75
(a) 424   (b) 244
(c) 442   (d) 242

12. ☐ + 63 = 139
(a) 86   (b) 72
(c) 79   (d) 76

13. ☐ – 58 = 140

(a) 198　　　　(b) 178
(c) 168　　　　(d) 179

14. 216 × 15 = _____

(a) 3204　　　(b) 3420
(c) 3024　　　(d) 3240

15. 513 × 19 = _____

(a) 9774　　　(b) 9477
(c) 9747　　　(d) 9478

16. 118 × 11 = _____

(a) 1298　　　(b) 1829
(c) 1928　　　(d) 1982

17. 145 × 19 = _____

(a) 2455　　　(b) 2655
(c) 2855　　　(d) 2755

18. 319 × 27 = _____

(a) 8361　　　(b) 8613
(c) 8631　　　(d) 8316

19. Find the multiple of 21 among given options.

(a) 155　　　　(b) 124
(c) 147　　　　(d) 148

20. Find the multiple of 17 among given options.

(a) 43　　　　(b) 28
(c) 85　　　　(d) 76

21. 210 ÷ 14 = _____

(a) 14　　　　(b) 19
(c) 15　　　　(d) 21

22. 490 ÷ 35 = _____

(a) 16　　　　(b) 17
(c) 14　　　　(d) 18

23. When 139 is divided by 12, remainder is _____

(a) 9　　　　(b) 7
(c) 5　　　　(d) 4

24. When 160 is divided by 13, remainder is _____

(a) 4　　　　(b) 6
(c) 9　　　　(d) 8

25. Which of following number is a multiple of both 18 & 9

(a) 45　　　　(b) 55
(c) 39　　　　(d) 36

26. Which of following number is a multiple of both 16 & 18

(a) 112　　　(b) 72
(c) 144　　　(d) 108

27. 225 ÷ ☐ = 15

(a) 15　　　　(b) 19
(c) 17　　　　(d) 13

28. $144 \div \boxed{} = 9$

(a) 16   (b) 17

(c) 15   (d) 19

29. $\boxed{} \div 9 = 27$

(a) 243   (b) 36

(c) 3   (d) 133

30. $\boxed{} \div 8 = 19$

(a) 154   (b) 151

(c) 152   (d) 153

31. $15 \times \boxed{} = 135$

(a) 7   (b) 8

(c) 6   (d) 9

32. $(8 + 5 - 2) \times (2 + 7 + 1) =$ _____

(a) 115   (b) 110

(c) 128   (d) 140

33. $(6 \times 8 \times 4) - (8 \times 9 - 9) =$ _____

(a) 149   (b) 130

(c) 139   (d) 129

34. $(5 \times 5 \times 5) - (4 \times 4 \times 6) =$ _____

(a) 29   (b) 31

(c) 39   (d) 49

35. $(7 \times 5) + (4 \times 9) - (3 \times 8) =$ _____

(a) 42   (b) 47

(c) 49   (d) 45

36. $(9 \times 9) - (7 \times 8) + (3 \times 3) =$ ___

(a) 35   (b) 34

(c) 36   (d) 37

37. $\dfrac{1}{15} \times 75 =$ _____

(a) 6   (b) 5

(c) 7   (d) 4

38. $\dfrac{1}{12} \times 84 =$ _____

(a) 7   (b) 8

(c) 9   (d) 4

39. Double of 184 = _____

(a) 293   (b) 421
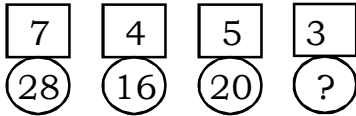
(c) 368   (d) 382

40. Half of 826 = _____

(a) 413   (b) 318

(c) 327   (d) 421

SECTION 2
(Mental Maths Concepts)

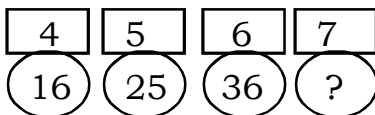**41.** Eight thousand Thirty + Four hundred ninety two =
(a) 8225 (b) 8255
(c) 8522 (d) 8252

42. Eight thousand Seven hundred forty – Seven thousand four hundred thirty two =
(a) 1408 (b) 1608
(c) 1308 (d) 1508

43. 30 + 40 + 45 + 48 + 50 + 60 + 70 + 49 + 95 + 85 = _____
(a) 672 (b) 472
(c) 872 (d) 572

44. The difference between (8 × 8) and (5 × 7) is _____
(a) 29 (b) 39
(c) 49 (d) 59

45. The sum of (7 × 9) and (9 × 5) is _____
(a) 108 (b) 110
(c) 116 (d) 112

46. (70 less than 500) + (30 more than 400) =_____
(a) 760 (b) 660
(c) 860 (d) 960

47. (70 more than 530) – (40 less than 600) = _____
(a) 60 (b) 70
(c) 40 (d) 50

48. (5 + 6) × (9 – 3) = _____
(a) 66 (b) 56
(c) 76 (d) 46

49. (7 + 4) × (8 – 2) = _____
(a) 68 (b) 66
(c) 64 (d) 70

50. (9 × 9) ÷ (3 × 3) = _____
(a) 11 (b) 7
(c) 6 (d) 9

51. 26th even number after 145 is _____
(a) 178 (b) 198
(c) 168 (d) 196

52. 24th odd number after 197 is _____
(a) 345 (b) 245
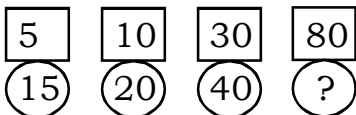(c) 145 (d) 445

53. Find missing number in given number bond.

7	4	5	3
(28)	(16)	(20)	(?)

(a) 12   (b) 16

(c) 18   (d) 20

54. Find missing number in given number bond.

4	5	6	7
(16)	(25)	(36)	(?)

(a) 47   (b) 48

(c) 49   (d) 46

55. Find missing number in given number bond.

5	10	30	80
(15)	(20)	(40)	(?)

(a) 80   (b) 70

(c) 90   (d) 60

56. 7 weeks + 19 days = _____ days

(a) 68   (b) 58

(c) 59   (d) 72

57. $2\frac{1}{3}$ year = _____ months

(a) 32   (b) 28

(c) 26   (d) 36

58. $3\frac{1}{4} + 2\frac{1}{2} = \boxed{}$ quarters

(a) 23   (b) 25

(c) 26   (d) 27

59. $7\frac{1}{2} - 5\frac{1}{4} = \boxed{}$ quarters

(a) 8   (b) 7

(c) 9   (d) 6

60. How many days are together is June, July & September?

(a) 93   (b) 92

(c) 91   (d) 94

SECTION 3 (Mental Maths Challange)

61. Compare the answer of the following.

(15 – 8)　(7 + 6)　(22 – 17)　(7 + 12)

The smallest answer in words is _____

(a) Five　　　　(b) Seven　　　　(c) Nine　　　　(d) Thirteen

62. There were 140 red and green apples in a basket at first. Some apples were rotten and thrown away. There were 60 green apples and 20 red apples left. How many apples were rotten?

(a) 50　　　　(b) 40　　　　(c) 20　　　　(d) 60

63. $96 + X = 74 + 84$

X is _____ less than 70.

(a) 4　　　　(b) 6　　　　(c) 8　　　　(d) 5

64. (2)　(4)　(3)　(1)

The cards are used to form 2 digit numbers less than 100.
How many of these numbers have the digit 4 in their ones place?

(a) 4　　　　(b) 3　　　　(c) 5　　　　(d) 6

65. | P | 7 | Q | × 4 = | 6 | 8 | 8 |

$\therefore 10 P + Q = ?$

(a) 12　　　　(b) 11　　　　(c) 13　　　　(d) 14

66. ₹ 40 × 3 + ₹ 30 × 4 + ₹ 25 × 3 + ₹ 120 × 2 = _____

(a) 666   (b) 555   (c) 444   (d) 777

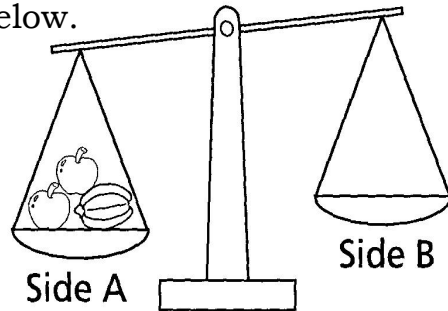**67.** The mass of each fruits is given below.

Apple : 4 units

Kiwi : 2 units

Mango : 6 units

Orange: 6 units

Pear : 2 units

Starfruit : 4 units

Raju puts 2 apples and a starfruit on side A. Suggest him combination of two different fruits he should put on side B to balance the scale.

(a) Pear and starfruit   (b) Kiwi & orange

(c) Mango and Orange   (d) Mango and starfruit

68. Sujal has 6 notes of ₹ 100, 5 notes of ₹ 50, 7 notes of ₹ 10 and 10 notes of ₹ 5. He bought a dictionary for ₹ 430 and a pencil for ₹ 80. What amount will be left with him in the end.

(a) 450   (b) 460   (c) 470   (d) 520

69. 9 tens 4 ones + 16 = ✹

There are _____ tens in the number represented by ✹ .

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

70. When the number is added to itself, the result is 31 more than 65. Find the number?
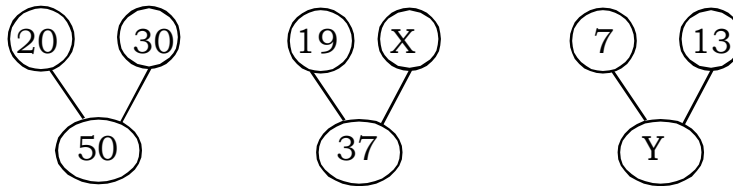
(a) 48   (b) 97   (c) 98   (d) 95

71. Suhana bought a dictionary at ₹ 450 and calculator at ₹ 150. She still had ₹ 650 left. How much money she had first?

(a) 1250   (b) 1200   (c) 1150   (d) 1100

72. Look at the number bonds below.

Subtract X from Y. The answer is _____.

(a) 2   (b) 1   (c) 4   (d) 3

73. Write the missing number in the box.

(a) 35   (b) 20   (c) 25   (d) 30

74. Suresh was 7 year old in the year 1993. Divesh was 15 year old in the year 2010. By how many years is Suresh is older than Divesh.

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

75. Viraj bought 10 books. Each book cost ₹ 70. If he had ₹ 750 at first how much money had he left?

(a) 60   (b) 50   (c) 70   (d) 45

MENTAL MATHS COMPETITION®

Date : _____

Name of Student in Full (IN CAPITAL LETTERS) :-

_____
Name

_____
Father's Name

_____
Surname

School Name _____

Mobile No. _____

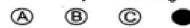Std. _____ Centre _____

INSTRUCTIONS

1. Use HB Pencil only on this sheet
2. Darken the ovals fully.
3. Erase completely to change responses.
4. Do not make any stray mark on this sheet.

Incorrect way of shading
Ⓐ Ⓑ Ⓒ Ⓓ
Ⓐ Ⓧ Ⓒ Ⓓ
Ⓐ Ⓑ ● Ⓓ
Correct way of shading
Ⓐ Ⓑ Ⓒ ●

For Office Use Only

ANSWERS

Section - I

1. Ⓐ Ⓑ Ⓒ Ⓓ
2. Ⓐ Ⓑ Ⓒ Ⓓ
3. Ⓐ Ⓑ Ⓒ Ⓓ
4. Ⓐ Ⓑ Ⓒ Ⓓ
5. Ⓐ Ⓑ Ⓒ Ⓓ
6. Ⓐ Ⓑ Ⓒ Ⓓ
7. Ⓐ Ⓑ Ⓒ Ⓓ
8. Ⓐ Ⓑ Ⓒ Ⓓ
9. Ⓐ Ⓑ Ⓒ Ⓓ
10. Ⓐ Ⓑ Ⓒ Ⓓ
11. Ⓐ Ⓑ Ⓒ Ⓓ
12. Ⓐ Ⓑ Ⓒ Ⓓ
13. Ⓐ Ⓑ Ⓒ Ⓓ
14. Ⓐ Ⓑ Ⓒ Ⓓ
15. Ⓐ Ⓑ Ⓒ Ⓓ
16. Ⓐ Ⓑ Ⓒ Ⓓ
17. Ⓐ Ⓑ Ⓒ Ⓓ
18. Ⓐ Ⓑ Ⓒ Ⓓ
19. Ⓐ Ⓑ Ⓒ Ⓓ
20. Ⓐ Ⓑ Ⓒ Ⓓ

21. Ⓐ Ⓑ Ⓒ Ⓓ
22. Ⓐ Ⓑ Ⓒ Ⓓ
23. Ⓐ Ⓑ Ⓒ Ⓓ
24. Ⓐ Ⓑ Ⓒ Ⓓ
25. Ⓐ Ⓑ Ⓒ Ⓓ
26. Ⓐ Ⓑ Ⓒ Ⓓ
27. Ⓐ Ⓑ Ⓒ Ⓓ
28. Ⓐ Ⓑ Ⓒ Ⓓ
29. Ⓐ Ⓑ Ⓒ Ⓓ
30. Ⓐ Ⓑ Ⓒ Ⓓ
31. Ⓐ Ⓑ Ⓒ Ⓓ
32. Ⓐ Ⓑ Ⓒ Ⓓ
33. Ⓐ Ⓑ Ⓒ Ⓓ
34. Ⓐ Ⓑ Ⓒ Ⓓ
35. Ⓐ Ⓑ Ⓒ Ⓓ
36. Ⓐ Ⓑ Ⓒ Ⓓ
37. Ⓐ Ⓑ Ⓒ Ⓓ
38. Ⓐ Ⓑ Ⓒ Ⓓ
39. Ⓐ Ⓑ Ⓒ Ⓓ
40. Ⓐ Ⓑ Ⓒ Ⓓ

Section - II

41. Ⓐ Ⓑ Ⓒ Ⓓ
42. Ⓐ Ⓑ Ⓒ Ⓓ
43. Ⓐ Ⓑ Ⓒ Ⓓ
44. Ⓐ Ⓑ Ⓒ Ⓓ
45. Ⓐ Ⓑ Ⓒ Ⓓ
46. Ⓐ Ⓑ Ⓒ Ⓓ
47. Ⓐ Ⓑ Ⓒ Ⓓ
48. Ⓐ Ⓑ Ⓒ Ⓓ
49. Ⓐ Ⓑ Ⓒ Ⓓ
50. Ⓐ Ⓑ Ⓒ Ⓓ
51. Ⓐ Ⓑ Ⓒ Ⓓ
52. Ⓐ Ⓑ Ⓒ Ⓓ
53. Ⓐ Ⓑ Ⓒ Ⓓ
54. Ⓐ Ⓑ Ⓒ Ⓓ
55. Ⓐ Ⓑ Ⓒ Ⓓ
56. Ⓐ Ⓑ Ⓒ Ⓓ
57. Ⓐ Ⓑ Ⓒ Ⓓ
58. Ⓐ Ⓑ Ⓒ Ⓓ
59. Ⓐ Ⓑ Ⓒ Ⓓ
60. Ⓐ Ⓑ Ⓒ Ⓓ

Section - III

61. Ⓐ Ⓑ Ⓒ Ⓓ
62. Ⓐ Ⓑ Ⓒ Ⓓ
63. Ⓐ Ⓑ Ⓒ Ⓓ
64. Ⓐ Ⓑ Ⓒ Ⓓ
65. Ⓐ Ⓑ Ⓒ Ⓓ
66. Ⓐ Ⓑ Ⓒ Ⓓ
67. Ⓐ Ⓑ Ⓒ Ⓓ
68. Ⓐ Ⓑ Ⓒ Ⓓ
69. Ⓐ Ⓑ Ⓒ Ⓓ
70. Ⓐ Ⓑ Ⓒ Ⓓ
71. Ⓐ Ⓑ Ⓒ Ⓓ
72. Ⓐ Ⓑ Ⓒ Ⓓ
73. Ⓐ Ⓑ Ⓒ Ⓓ
74. Ⓐ Ⓑ Ⓒ Ⓓ
75. Ⓐ Ⓑ Ⓒ Ⓓ