


SECTION 1 (Mental Maths Calculation)

1. $53694 + 91648 = \underline{\hspace{2cm}}$

- (a) 145342 (b) 145432
(c) 135442 (d) 154342

2. $91243 - 9814 = \underline{\hspace{2cm}}$

- (a) 80429 (b) 81429
(c) 82429 (d) 83429

3. $86459 + 391 = \underline{\hspace{2cm}}$

- (a) 88650 (b) 85680
(c) 86850 (d) 86580

4. $24963 - 4536 = \underline{\hspace{2cm}}$

- (a) 20417 (b) 20527
(c) 20217 (d) 20427

5. $9462 + 6154 - 900 = \underline{\hspace{2cm}}$

- (a) 16716 (b) 15716
(c) 17416 (d) 14716

6. $2248 + 2000 - 200 = \underline{\hspace{2cm}}$

- (a) 4058 (b) 4048
(c) 4028 (d) 4038

7. $2473 - (350 + 750) = \underline{\hspace{2cm}}$

- (a) 1373 (b) 1383
(c) 1393 (d) 1363

8. $(100 - 56) + (100 - 35) = \underline{\hspace{2cm}}$

- (a) 107 (b) 108
(c) 110 (d) 109

9. $(100 - 61) + (100 + 32) = \underline{\hspace{2cm}}$

- (a) 141 (b) 251
(c) 171 (d) 161

10.

$$\begin{array}{r}
 2243 \\
 + 1235 \\
 + 2635 \\
 + 1835 \\
 + 1740 \\
 \hline
 \end{array}$$

- (a) 9688 (b) 9788
(c) 9088 (d) 9588

11.

$$\begin{array}{r}
 1642 \\
 + 2314 \\
 + 3521 \\
 + 1324 \\
 + 1623 \\
 \hline
 \end{array}$$

- (a) 14204 (b) 10424
(c) 14024 (d) 14042



12. $(2 + 7 + 4 + 5 + 1 + 2) + \square$
= 101
(a) 80 (b) 60
(c) 70 (d) 90

13. $(9 + 7 + 8 + 6) + \square$
= 151
(a) 131 (b) 121
(c) 20 (d) 120

14. $28 \times 14 = \underline{\hspace{2cm}}$
(a) 372 (b) 382
(c) 362 (d) 392

15. $96 \times 89 = \underline{\hspace{2cm}}$
(a) 8454 (b) 8644
(c) 8544 (d) 8464

16. $4142 \times 50 = \underline{\hspace{2cm}}$
(a) 207100 (b) 208100
(c) 206100 (d) 208200

17. $5123 \times 60 = \underline{\hspace{2cm}}$
(a) 370380 (b) 307380
(c) 307830 (d) 370830

18. $8214 \times 50 = \underline{\hspace{2cm}}$
(a) 410800 (b) 420600
(c) 410700 (d) 450700

19. $760 \div 20 = \underline{\hspace{2cm}}$
(a) 38 (b) 48
(c) 58 (d) 28

20. $775 \div 25 = \underline{\hspace{2cm}}$
(a) 28 (b) 32
(c) 31 (d) 33

21. $1970 \div 5 = \underline{\hspace{2cm}}$
(a) 494 (b) 394
(c) 384 (d) 474

22. $2727 \div 3 = \underline{\hspace{2cm}}$
(a) 709 (b) 809
(c) 609 (d) 909

23. If 2437 is divided by 4,
leaves remainder as $\underline{\hspace{2cm}}$
(a) 1 (b) 4
(c) 3 (d) 6

24. If 4374 is divided by 5,
leaves remainder $\underline{\hspace{2cm}}$
(a) 6 (b) 8
(c) 4 (d) 7

25. double of 217 is $\underline{\hspace{2cm}}$
(a) 344 (b) 434
(c) 424 (d) 524



26. half of 372 is _____

- (a) 186 (b) 196
(c) 176 (d) 141

27. Square of 16 is _____

- (a) 356 (b) 156
(c) 256 (d) 226

28. Square of 28 is _____

- (a) 676 (b) 784
(c) 884 (d) 764

29. $9 \times 30 + \square = 300$

- (a) 35 (b) 40
(c) 45 (d) 30

30. $7 \times 70 - \square = 380$

- (a) 110 (b) 130
(c) 120 (d) 140

31. 6 times of 7 – square of 5 =

- (a) 25 (b) 17
(c) 23 (d) 37

32. 8 times of 5 – square of 6 =

- (a) 2 (b) 6
(c) 4 (d) 8

33. 9 times of 8 – square of 7 =

- (a) 42 (b) 65
(c) 38 (d) 23

34. 12 times of 7 – square of 8 =

- (a) 20 (b) 22
(c) 76 (d) 25

35. $(96 \times 100) - (38 \times 100) =$

- (a) 4800 (b) 5800
(c) 5000 (d) 5600

36. $(56 \times 100) - (65 \times 15) =$

- (a) 4725 (b) 4635
(c) 4525 (d) 4625

37. $(15 \times 100) - (17 \times 10) =$

- (a) -200 (b) 200
(c) 1330 (d) 1400

38. $(95 \times 41) + (13 \times 100) =$

- (a) 5195 (b) 5395
(c) 5295 (d) 5095

39. Fifteen times of 6 reduced by 7 times of 6 we get _____

- (a) 47 (b) 48
(c) 52 (d) 58

40. Fourteen times of 6 increased by 8 times of 7 we get _____

- (a) 125 (b) 126
(c) 140 (d) 129



SECTION 2

(Mental Maths Concepts)

- 41.** A 4 digit even number is more than 4200 but less than 3200. Find the sum of the smallest and greatest possible number.

(a) 7400 (b) 7200
(c) 7100 (d) 7300

- 42.** W is 70 tens more than V. V is 3 hundred less than 9430, find the value of W.

(a) 9840 (b) 9830
(c) 7930 (d) 9680

- 43.** Find smallest fraction among

(i) $\left(\frac{1}{5} + \frac{3}{5}\right)$ (ii) $\left(\frac{7}{5} + \frac{3}{5}\right)$

(iii) $\left(\frac{1}{5} + \frac{4}{5}\right)$ (iv) $\left(\frac{7}{5} - \frac{6}{5}\right)$

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

44. $7 \overline{)4949}$

(a) 407 (b) 706
(c) 807 (d) 707

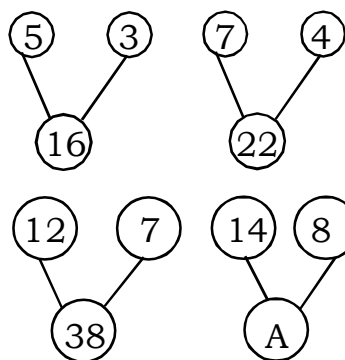
45. $87 - (\square \times 3) = 0$

(a) 25 (b) 29
(c) 19 (d) 27

- 46.** A machine produces 200 pieces of good in 2 hour? How many pieces it will produce in 45 mins?

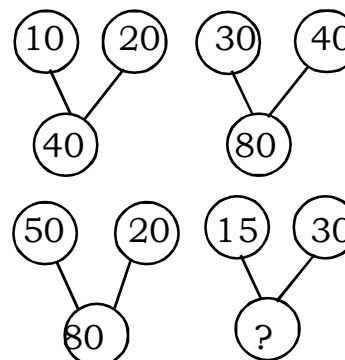
(a) 85 (b) 95
(c) 75 (d) 90

- 47.** Observe the number bond and find the value of A.



(a) 42 (b) 34
(c) 38 (d) 44

- 48.**



(a) 55 (b) 65
(c) 70 (d) 75

- 49.** $P + Q = 12$

$P - Q = 4$

Then $P = ?$

(a) 6 (b) 8
(c) 4 (d) 12

50. The sum of prime numbers between 21 and 42 is _____

- (a) 161 (b) 151
(c) 141 (d) 150

51. There are _____ prime number between 15 and 35.

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

52. The sum of all divisor of 20 is _____

- (a) 44 (b) 42
(c) 40 (d) 41

53. L.C.M. of 12 and 16 is _____

- (a) 3 (b) 16
(c) 4 (d) 48

54. H.C.F. of 36 and 42 is _____

- (a) 6 (b) 8
(c) 12 (d) 9

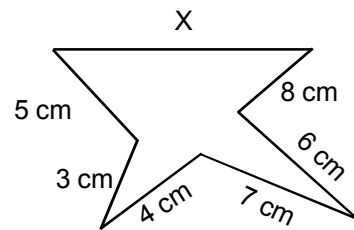
55. The sum of 8th odd number and 14th even number is _____

- (a) 41 (b) 40
(c) 39 (d) 43

56. If 15th June 2013 is Saturday then the day on 5th July 2013 is _____

- (a) Thursday (b) Wednesday
(c) Friday (d) Saturday

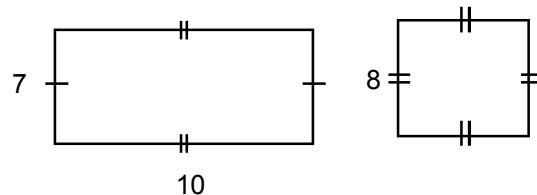
57.



If perimeter of given figure is 40 cm find value of x.

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

58.



The difference between area of rectangle & square is _____ sq unit.

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

59. Subtract 38 tens from 60 hundreds. The place value of the digits 6 in the result is _____

- (a) 6 units (b) 6 thousand
(c) 6 tens (d) 6 hundred

60. The product of 4 and 3 gives the same results as _____ divided by 5.

- (a) 25 + 20 (b) 40 + 20
(c) 35 + 40 (d) 42 + 14

SECTION 3 (Mental Maths Challenge)

- 61.** The sum of two facing pages of a book is 17 and John stopped reading. If there are 300 pages in the book, how many pages does John need to read in order to finish reading the book.
(a) 291 (b) 270 (c) 260 (d) 280
- 62.** The height of the taller tree is thrice the height of shorter tree. The height of shorter tree is 6 m. Find the sum of height of both the trees?
(a) 18 (b) 30 (c) 24 (d) 12
- 63.** A farmer built a fence around his square plot. He used 21 fence pots on each side of a square. How many pots did he need altogether?
(a) 76 (b) 80 (c) 84 (d) 88

64.then $A + B = ?$

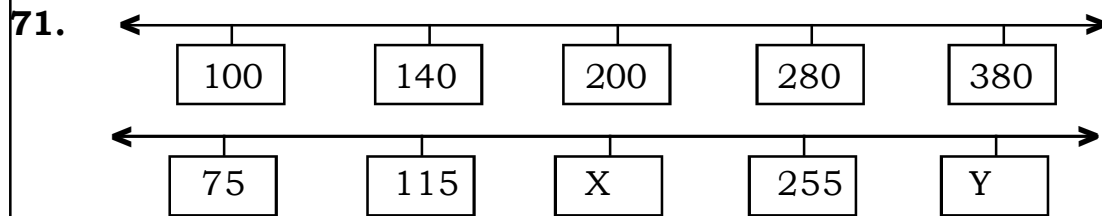
- (a) 5 (b) 6 (c) 7 (d) 8
- 65.** What will be 8th term of sequence below.
128, 64, 32,
- (a) 10 (b) 2 (c) 1 (d) 8



- 66.** In the following Sum of addition, the letters A, B, C and D. stands for certain digits. Two of the letters of the sum stands for a same digit. Which are they

$$\begin{array}{r}
 7 \quad A \quad 6 \quad 1 \\
 + \quad 1 \quad 3 \quad B \quad 8 \\
 + \quad 1 \quad 3 \quad 2 \quad C \\
 \hline
 D \quad 9 \quad 0 \quad 0
 \end{array}$$

- (a) B & C (b) B & A (c) A & C (d) B and D
- 67.** $X + Y = 21$
 $X + X + Y = 37$ The value of y is _____
 (a) 37 (b) 16 (c) 5 (d) 21
- 68.** The total age of Anil and Manali is 47 years. Manali is 11 years younger than Anil. How old was Anil five years ago?
 (a) 23 yrs (b) 24 yrs (c) 25 yrs (d) 26 yrs
- 69.** Rakesh made three times paper boats as Nagesh. Nagesh made twice as many paper boats as Yogesh.
 If Nagesh made 20 paper boats. How many paper boats did the three children make altogether?
 (a) 75 (b) 80 (c) 120 (d) 90
- 70.** M and $\frac{5}{12}$ makes 1whole when M is subtracted from $\frac{9}{12}$ N is obtained what is the sum of M and N?
 (a) $\frac{9}{12}$ (b) $\frac{3}{12}$ (c) $\frac{4}{12}$ (d) $\frac{7}{12}$



The sum of X and Y is _____

- (a) 530 (b) 520 (c) 560 (d) 470

72. _____ less than 84 tens 32 ones is 742

- (a) 10 tens 20 ones (b) 10 tens 11 ones
(c) 10 tens 13 ones (d) 10 tens 12 ones

73. Rajesh choose a certain number, then he subtracted 60 from it then he added 70 to that difference. His final result was 840. What number did Rajesh chose at the beginning.

- (a) 820 (b) 810 (c) 830 (d) 840

74. If C is the greatest 2 digit prime number then $(C - 5) \times 2$ gives _____

- (a) 176 (b) 182 (c) 178 (d) 184

75. Vicky ate 6 slice of large size pizza and his father ate 4 slice of it.

If his brother ate $\frac{1}{2}$ of the pizza remaining and there were still 3 slices left. How many slices of pizza were there as first?

- (a) 16 (b) 28 (c) 30 (d) 14



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.

For Office Use Only

Incorrect way of shading
☐ A ☒ B ☐ C ☐ D

☐ A ☒ B ☐ C ☐ D

☐ A ☐ B ☒ C ☐ D
Correct way of shading
☐ A ☐ B ☐ C ☒ D
ANSWERS**Section - I**

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

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

Section - II

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

Section - III

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