


SECTION 1 (Mental Maths Calculation)

1. $51812 + 94134 =$ _____

- (a) 145946 (b) 122856
(c) 142956 (d) 152856

2. $91243 - 9284 =$ _____

- (a) 81419 (b) 81959
(c) 71319 (d) 822319

3. $24863 + 2949 =$ _____

- (a) 23812 (b) 27912
(c) 27812 (d) 27712

4. $36958 - 1553 =$ _____

- (a) 35405 (b) 35705
(c) 36745 (d) 35409

5. $9132 + 4137 - 481 =$ _____

- (a) 12867 (b) 12768
(c) 12788 (d) 12778

6. $2248 + 2000 - 500 =$ _____

- (a) 3578 (b) 3748
(c) 3468 (d) 3858

7. $2461 - (539 + 1238) =$ _____

- (a) 664 (b) 674
(c) 684 (d) 694

8. $(100 - 46) + (100 - 25) =$

- (a) 129 (b) 149
(c) 139 (d) 159

9. $(131 - 72) + (150 + 32) =$

- (a) 221 (b) 251
(c) 241 (d) 231

10.
$$\begin{array}{r} 2243 \\ + 1319 \\ + 1241 \\ + 1251 \\ + 6343 \\ \hline \end{array}$$

- (a) 12397 (b) 12497
(c) 12897 (d) 12387

11.
$$\begin{array}{r} 4139 \\ + 1432 \\ + 9999 \\ + 1358 \\ + 1468 \\ \hline \end{array}$$

- (a) 18248 (b) 18396
(c) 18946 (d) 18936



12. $(9 + 4 + 3 + 5 + 1 + 4) + \square$
= 70
(a) 44 (b) 54
(c) 42 (d) 52

13. $(28 + 13 + 19 + 24 + 18) + \square$
= 161
(a) 39 (b) 59
(c) 49 (d) 69

14. $27 \times 96 = \underline{\hspace{2cm}}$
(a) 2492 (b) 2692
(c) 2592 (d) 2952

15. $95 \times 76 = \underline{\hspace{2cm}}$
(a) 7020 (b) 7220
(c) 7120 (d) 7320

16. $4125 \times 50 = \underline{\hspace{2cm}}$
(a) 206520 (b) 225520
(c) 206250 (d) 217250

17. $8254 \times 70 = \underline{\hspace{2cm}}$
(a) 717584 (b) 617584
(c) 517780 (d) 577780

18. $3504 \times 59 = \underline{\hspace{2cm}}$
(a) 206136 (b) 206636
(c) 206736 (d) 206376

19. $2727 \div 9 = \underline{\hspace{2cm}}$
(a) 303 (b) 33
(c) 903 (d) 301

20. $4541 \div 19 = \underline{\hspace{2cm}}$
(a) 219 (b) 239
(c) 229 (d) 249

21. $3080 \div 14 = \underline{\hspace{2cm}}$
(a) 215 (b) 200
(c) 220 (d) 210

22. $3624 \div 12 = \underline{\hspace{2cm}}$
(a) 313 (b) 613
(c) 302 (d) 333

23. If 4448 is divided by 5,
leaves remainder as $\underline{\hspace{2cm}}$
(a) 4 (b) 3
(c) 1 (d) 2

24. If 1939 is divided by 13,
leaves remainder $\underline{\hspace{2cm}}$
(a) 1 (b) 3
(c) 2 (d) 4

25. Double of 714 is $\underline{\hspace{2cm}}$
(a) 1248 (b) 1886
(c) 2186 (d) 1428

- 26.** Half of 448 is _____
(a) 214 (b) 229
(c) 224 (d) 228
- 27.** Square of 24 is _____
(a) 576 (b) 516
(c) 566 (d) 346
- 28.** Square of 31 is _____
(a) 931 (b) 941
(c) 921 (d) 961
- 29.** $23 \times 23 + \square = 593$
(a) 64 (b) 73
(c) 63 (d) 74
- 30.** $29 \times 37 - \square = 1011$
(a) 61 (b) 62
(c) 42 (d) 52
- 31.** 7 times of 9 – square of 7 =
(a) 12 (b) 13
(c) 14 (d) 15
- 32.** 19 times of 9 – square of 12 =
(a) 29 (b) 17
(c) 27 (d) 28
- 33.** 8 times of 6 – square of 6 =
(a) 13 (b) 15
(c) 14 (d) 12
- 34.** 13 times of 13 – square of 12 =
(a) 35 (b) 25
(c) 27 (d) 46
- 35.** $(95 \times 100) - (12 \times 100) =$
(a) 8400 (b) 7300
(c) 8300 (d) 8100
- 36.** $(175 \times 15) - (115 \times 13) =$
(a) 1350 (b) 1310
(c) 1130 (d) 1120
- 37.** $(17 \times 17) - (14 \times 8) =$
(a) 167 (b) 107
(c) 117 (d) 177
- 38.** $(19 \times 9) + (7 \times 17) =$
(a) 229 (b) 214
(c) 290 (d) 280
- 39.** 12 times of 6 reduced by
2 times of 8 we get _____
(a) 76 (b) 66
(c) 56 (d) 86
- 40.** 5 times of 18 increased by
14 times of 5 we get _____
(a) 170 (b) 160
(c) 116 (d) 165

SECTION 2
(Mental Maths Concepts)

41. A 4 digit even number more than 3600 but less than 4000. Find the sum of the smallest and greatest possible number.

- (a) 7504 (b) 7600
(c) 7998 (d) 7990

42. W is 40 tens more than V. V is 10 hundred less than 7230, find the value of W.

- (a) 6330 (b) 6630
(c) 6530 (d) 6930

43. Find smallest fraction among

(i) $\left(\frac{1}{4} + \frac{5}{4}\right)$ (ii) $\left(\frac{11}{4} - \frac{3}{4}\right)$

(iii) $\left(\frac{2}{4} + \frac{1}{4}\right)$ (iv) $\left(\frac{7}{2} - \frac{2}{4}\right)$

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

44. $16 \overline{)6048}$

- (a) 318 (b) 378
(c) 368 (d) 388

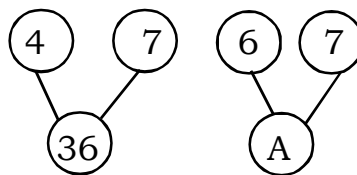
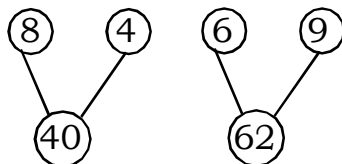
45. $100 - (\square \times 6) = 58$

- (a) 8 (b) 9
(c) 5 (d) 7

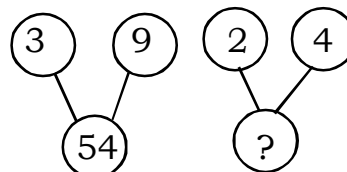
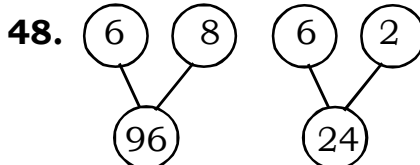
46. A machine produces 70 pieces of goods in 3600 seconds ? How many pieces it will produce in 30 mins?

- (a) 45 (b) 25
(c) 35 (d) 70

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



- (a) 70 (b) 60
(c) 50 (d) 80



- (a) 24 (b) 20
(c) 16 (d) 18

49. $P + Q = 125$

$P - Q = 45$

Then $P = ?$

- (a) 45 (b) 85
(c) 65 (d) 75

50. The sum of prime numbers between 30 and 60 is _____
- (a) 268 (b) 311
(c) 301 (d) 321

51. There are _____ prime numbers between 65 and 85.
- (a) 9 (b) 6
(c) 5 (d) 4

52. The sum of all divisor of 64 is _____
- (a) 137 (b) 127
(c) 135 (d) 172

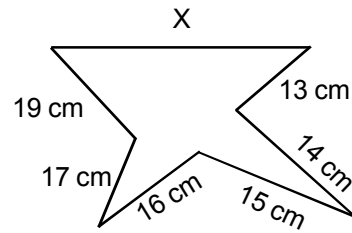
53. L.C.M. of 12 and 18 is _____
- (a) 12 (b) 18
(c) 36 (d) 90

54. H.C.F. of 98 and 119 is _____
- (a) 6 (b) 8
(c) 7 (d) 9

55. The sum of 16th odd number and 19th even number is _____
- (a) 69 (b) 79
(c) 89 (d) 59

56. If 14th April 2005 is Thursday then the day on 19th May 2005 is _____
- (a) Wednesday (b) Thursday
(c) Friday (d) Saturday

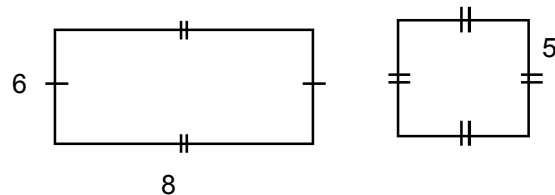
57.



If perimeter of given figure is 142 cm find value of x.

- (a) 48 cm (b) 28 cm
(c) 38 cm (d) 58 cm

58.



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

- (a) 21 (b) 23
(c) 25 (d) 27

59. Subtract 51 tens from 67 hundreds. The place value of the digit 9 in the result is _____
- (a) 9 units (b) 9 hundred
(c) 9 tens (d) 9 thousand

60. The product of 6 and 4 gives the same results as _____ divided by 5.
- (a) $66 + 52$ (b) $68 + 52$
(c) $64 + 76$ (d) $72 + 68$

SECTION 3 (Mental Maths Challenge)

- 61.** Rohit made four times paper boats as Pranit. Pranit made twice as many paper boats as Amit.
If Pranit made 26 paper boats. How many paper boats did the three children make altogether?
- (a) 133 (b) 143 (c) 146 (d) 153
- 62.** $\Delta + \Delta + 124 = 196$
 $\square + \Delta = 49$
 $\Delta - \square = ?$
- (a) 25 (b) 36 (c) 23 (d) 13
- 63.** A farmer built a fence around his square plot. He used 24 fence pots on each side of a square. How many pots did he need altogether?
- (a) 92 (b) 94 (c) 104 (d) 114
- 64.** A stapler and a book cost ₹ 279. Sandeep bought 4 book each for ₹ 47. How much did the stapler cost?
- (a) ₹ 91 (b) ₹ 90 (c) ₹ 89 (d) ₹ 101
- 65.** $463 - \blacklozenge = 321 + \blacklozenge$
What can \blacklozenge be?
- (a) 61 (b) 71 (c) 81 (d) 91

66. Sonika separated 40 index cards by colours into four groups as follows:-

- ❖ 12 of them were blue
- ❖ 20% of index cards are yellow.
- ❖ 25% of the index cards were green.
- ❖ $\frac{1}{4}$ of the index cards were pink.

Which colour group contained the greatest number of cards.

- (a) blue (b) green (c) yellow (d) pink

67. If D is the greatest 2 digit prime number then $(D - 4) \times 2$ gives

- (a) 184 (b) 186 (c) 188 (d) 190

68. Mimi took part in an exercise programme. She run for 480 seconds , walked for half an hour and swam for 30 minutes. For how many seconds she has finished an exercise programme?

- (a) 4080 sec (b) 4180 sec (c) 4800 sec (d) 4100 sec

69. Johny is 15 years old. His cousin Sam is 12 years older than him. Find their total age in 10 years time.

- (a) 56 yrs (b) 58 yrs (c) 60 yrs (d) 62 yrs

70. If $L = 4$, $M = L + 10$, $N = L - 1$ Use DMAS

Then $L + M \times N = ?$

- (a) 46 (b) 48 (c) 52 (d) 56

