

SECTION 1 (Mental Maths Calculation)

1. 26372 less than 83456 =

- (a) 64234 (b) 57084
(c) 51234 (d) 53024

2. 7832 more than 74567 =

- (a) 82399 (b) 87239
(c) 94639 (d) 89429

3. 8432 is _____ less than 11000.

- (a) 2568 (b) 2000
(c) 4832 (d) 3234

4. 9234 is _____ more than 4832

- (a) 4134 (b) 3248
(c) 4402 (d) 4200

5. $(2564 + 7832) - (4123) =$

- (a) 6273 (b) 4250
(c) 5250 (d) 6123

6. $(7843 + 2432) - (1898) =$

- (a) 8377 (b) 8100
(c) 7000 (d) 7800

7.
$$\begin{array}{r} 5 \quad A \quad 4 \quad 5 \\ + 2 \quad 4 \quad 2 \quad B \\ \hline 8 \quad 2 \quad C \quad 3 \end{array}$$

$A + B + C =$

- (a) 25 (b) 28
(c) 23 (d) 26

8.
$$\begin{array}{r} 9 \quad A \quad 4 \quad B \\ - 3 \quad 8 \quad 7 \quad 9 \\ \hline 5 \quad 6 \quad C \quad 4 \end{array}$$

$A + B + C =$

- (a) 14 (b) 18
(c) 20 (d) 13

9. Which of following is 732 less than 4236

- (a) 2504 (b) 3504
(c) 2274 (d) 3374

10. 7413 is _____ more than 4523.

- (a) 2190 (b) 2790
(c) 2890 (d) 2240

11.
$$\begin{array}{r} 8 \quad 1 \\ \times 3 \quad 1 \\ \hline \end{array}$$

- (a) 2511 (b) 2311
(c) 2711 (d) 2411

12.
$$\begin{array}{r} 276 \\ \times 43 \\ \hline \end{array}$$

- (a) 11243 (b) 11742
(c) 11868 (d) 11926

13.
$$\begin{array}{r} 612 \\ \times 912 \\ \hline \end{array}$$

- (a) 273122 (b) 543212
(c) 558144 (d) 94212

14.
$$\begin{array}{r} 589 \\ \times 952 \\ \hline \end{array}$$

- (a) 560728 (b) 643278
(c) 543280 (d) 520728

15.
$$42 \overline{)3738}$$

- (a) 89 (b) 84
(c) 54 (d) 73

16.
$$23 \overline{)2576}$$

- (a) 114 (b) 212
(c) 112 (d) 412

17.
$$(9 \overline{)72}) \times (8 \times 7) - (6 \overline{)42})$$

- (a) 441 (b) 341
(c) 449 (d) 445

18.
$$[7 \times 5] - [6 \times 2] - [7 \times 3]$$

- (a) 72 (b) 2
(c) 1 (d) 8

19. $40 \text{ tens} \div 5 = \underline{\hspace{2cm}}$

- (a) 80 (b) 43
(c) 83 (d) 73

20. $45 \text{ tens} \times 5 = \underline{\hspace{2cm}}$

- (a) 2120 (b) 2743
(c) 2250 (d) 2823

21. $\frac{7}{8} + \frac{4}{5} =$

- (a) $\frac{67}{40}$ (b) $\frac{23}{78}$
(c) $\frac{52}{40}$ (d) $\frac{24}{40}$

22. $\frac{1}{9} + \frac{1}{4} =$

- (a) $\frac{13}{36}$ (b) $\frac{23}{46}$
(c) $\frac{14}{36}$ (d) $\frac{44}{56}$

23. $\frac{8}{40} - \frac{1}{6} =$

- (a) $\frac{1}{30}$ (b) $\frac{1}{40}$
(c) $\frac{1}{10}$ (d) $\frac{1}{20}$

24. $\frac{34}{7} - \frac{1}{6} =$

- (a) $\frac{197}{42}$ (b) $\frac{287}{42}$
(c) $\frac{430}{72}$ (d) $\frac{157}{42}$

25. $\frac{4}{3}, \frac{2}{7}, \frac{7}{8}, \frac{3}{9}$ The smallest fraction is _____

- (a) $\frac{2}{7}$ (b) $\frac{3}{9}$
 (c) $\frac{4}{3}$ (d) $\frac{7}{8}$

26. $\frac{7}{20}, \frac{8}{16}, \frac{7}{5}, \frac{8}{5}$ the greatest fraction is _____

- (a) $\frac{8}{5}$ (b) $\frac{7}{5}$
 (c) $\frac{7}{20}$ (d) $\frac{8}{16}$

27. $\frac{1}{8} = \frac{\square}{72}$
 The missing number is

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

28. $\frac{7}{4} = \frac{42}{\square}$

- (a) 23 (b) 22
 (c) 24 (d) 52

29. $\frac{7}{2} \times \frac{5}{7} \times \frac{8}{3} =$

- (a) $\frac{456}{52}$ (b) $\frac{320}{42}$
 (c) $\frac{280}{42}$ (d) $\frac{580}{42}$

30. $\frac{5}{4} \div \frac{3}{2} \times \frac{9}{4} =$

- (a) $\frac{70}{38}$ (b) $\frac{88}{48}$
 (c) $\frac{90}{48}$ (d) $\frac{50}{28}$

31. $\frac{7}{4} \div \frac{18}{90} =$

- (a) $\frac{740}{52}$ (b) $\frac{430}{72}$
 (c) $\frac{630}{72}$ (d) $\frac{840}{72}$

32. $\frac{80}{9} \div \frac{7}{56} =$

- (a) $\frac{4480}{63}$ (b) $\frac{7428}{53}$
 (c) $\frac{2380}{53}$ (d) $\frac{550}{63}$

33. $2\frac{1}{3} \times 21 =$ _____

- (a) 49 (b) 23
 (c) 51 (d) 71

34. $1\frac{2}{5} \times 65 =$ _____

- (a) 91 (b) 42
 (c) 84 (d) 72

35. $3 \text{ kg } 350 \text{ gm} + 5 \text{ kg } 950 \text{ gm}$
= _____

- (a) 8 kg 250 gm (b) 8 kg 950 gm
(c) 9 kg 300 gm (d) 7 kg 750 gm

36. $5 \text{ l } 425 \text{ ml} = 2 \text{ l } 225 \text{ ml} + \underline{\hspace{2cm}}$

- (a) 4.292l (b) 2.295 l
(c) 3.2 ml (d) 5.453 l

37. $8 \text{ hrs } 29 \text{ min} + 1 \text{ hr } 30 \text{ min}$

- = _____
(a) 9 hrs 59 min (b) 8 hrs 23 min
(c) 9 hrs 49 min (d) 9 hrs 47 min

38. $9 \text{ hrs } 25 \text{ min} - 4 \text{ hrs } 45 \text{ min}$

- = _____
(a) 4 hrs 40 min (b) 4 hrs 45 min
(c) 3 hrs 40 min (d) 4 hrs 50 min

39. Study the number pattern
what will be the next
number.

37, 71, 139,

- (a) 274 (b) 275
(c) 276 (d) 277

40. 618, 636, 654,

- (a) 692 (b) 652
(c) 672 (d) 752

SECTION 2
(Mental Maths Concepts)

41. 16 hundreds 14 ones – ☆
= 457

Which following number
represent ☆

- (a) 1157 (b) 1167
(c) 1187 (d) 1197

42. $A - 3809 = 4789$

$A = B + 872$

Find the value of B

- (a) 9370 (b) 9470
(c) 7626 (d) 7726

43. The L.C.M of 6, 4 and 8 is

- (a) 24 (b) 18
(c) 32 (d) 24

44. The H.C.F. of 24, 32 and 8
is _____

- (a) 8 (b) 4
(c) 12 (d) 16

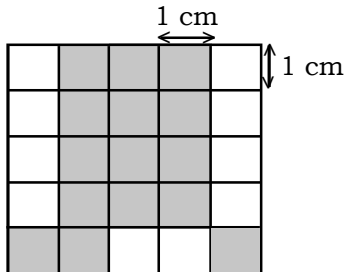
45. The sum of divisor of 18 is

- (a) 36 (b) 39
(c) 37 (d) 38

- 46.** Which of the following number is exactly divisible by 9
(a) 5481 (b) 4208
(c) 6239 (d) 5834
- 47.** Which of the following number exactly divisible by 6
(a) 5266 (b) 3682
(c) 5626 (d) 3570
- 48.** 539 hecto gram = _____ gm
(a) 5390000 (b) 539000
(c) 5390 (d) 53900
- 49.** 317 decalitre = _____ centilitre
(a) 3170 (b) 31700
(c) 317000 (d) 3170000
- 50.** 197 metre = _____ hecto metre
(a) 19700 (b) 1.97
(c) 1970 (d) 19.7
- 51.** In 5 innings Ramesh scored 42, 29, 38, 6 and 25. Find his average score?
(a) 28 (b) 30
(c) 26 (d) 32
- 52.** $6.7 + 17.9 + 41.376 =$ _____
(a) 66.876 (b) 66.976
(c) 65.876 (d) 65.976
- 53.** $18.327 - 5.21 =$ _____
(a) 12.117 (b) 12.217
(c) 13.117 (d) 13.217
- 54.** $12.7 \times 5.3 =$ _____
(a) 66.31 (b) 66.21
(c) 67.31 (d) 67.21
- 55.** $8.48 \div 0.8 =$ _____
(a) 11.6 (b) 10.6
(c) 12.6 (d) 9.6
- 56.** $5 \times [23 + \{9 + 5 - (8 - 2)\}] =$
(a) 320 (b) 155
(c) 420 (d) 250
- 57.** $[7 + (-8)] - [6 \times -2] =$ _____
(a) 11 (b) -10
(c) 13 (d) -12
- 58.** 25% of 824 = _____
(a) 196 (b) 216
(c) 186 (d) 206
- 59.** 15% of 70 = _____
(a) 11 (b) 10
(c) 10.5 (d) 11.5
- 60.** 50% of 69 = _____
(a) 29.5 (b) 34.5
(c) 24.5 (d) 39.5

SECTION 3 (Mental Maths Challenge)

61.



The perimeter of shaded figure is _____ cm

- (a) 20 (b) 21 (c) 22 (d) 23

62. Rope X is 9.6 m long

Rope Y is $\frac{1}{4}$ of Rope X

Rope Z is $\frac{3}{4}$ the length of Rope Y.

Find the total length of the 3 ropes in meters.

- (a) 12.8 m (b) 13.8 m (c) 11.8 m (d) 10.8 m

63. $[80 - \{30 \div (60 \div 6)\}] - 29 =$ _____

- (a) 38 (b) 47 (c) 48 (d) 37

64. Which of the following numbers is perfect square number

- (a) 5776 (b) 7058 (c) 4766 (d) 1771

65. Find the 25th term in the number sequence. 2, 5, 8, 11,

- (a) 77 (b) 76 (c) 75 (d) 74

66. Jenny spent $\frac{5}{8}$ of her money on a camera and $\frac{1}{4}$ of it on a bag. What fraction of money did she have left?
- (a) $\frac{3}{16}$ (b) $\frac{1}{4}$ (c) $\frac{1}{16}$ (d) $\frac{1}{8}$
67. An employee took 2 hrs 27 min to wash 7 cars if the employee took an equal amount of time to wash each car, how much time he took to wash 9 cars?
- (a) 3 hrs 9 min (b) 309 min (c) 319 min (d) 3 hrs 19 min
68. A square table can seat 8 people with 2 person on each side. If 10 such tables are put end to end in a row, how many people can be seated?
- (a) 40 (b) 42 (c) 44 (d) 46
69. Mayur read $\frac{1}{5}$ th of a book. If he read further 45 pages, he would have read $\frac{4}{5}$ th of the book. How many pages were there in the book.
- (a) 65 (b) 75 (c) 85 (d) 95
70. If $a \diamond b = a \times 5 - b \times 6$ find
- $9 \diamond 7 = \square$
- (a) 3 (b) 5 (c) 7 (d) 9

- 71.** A Jug can hold 6l of water. 4 Jugs can hold as much water as 8 bottles. Find the volume of a bottle?
(a) 1 l (b) 2 l (c) 3 l (d) 4 l
- 72.** Ram has thrice as many stamps as Bharat. Sachin has 5 more stamps than Bharat. If Sachin has 21 stamps. How many stamps they have altogether?
(a) 120 (b) 90 (c) 70 (d) 85
- 73.** $\bigcirc \times \Delta = 81$
 $\bigcirc - \star = 3$
 $\Delta + \Delta = 54$
Find the value of \star
(a) 0 (b) 2 (c) 4 (d) 6
- 74.** Mrs. Patak took 4 minute to sew 3 buttons. How many buttons could she sew in 3 hours at the same rate?
(a) 150 (b) 145 (c) 135 (d) 125
- 75.** ₹ 54 were shared among three girls. Sarika received $\frac{1}{3}$ of the money and Amita received ₹ $\frac{1}{6}$ more than Sarika.
If Mayuri received the rest of the money. How much was Mayuri's share?
(a) ₹ 25 (b) ₹ 15 (c) ₹ 5 (d) ₹ 35