

SECTION 1 (Mental Maths Calculation)

1. 52376 less than 83481 =

- (a) 42935 (b) 31105
(c) 3234 (d) 30105

2. 4634 more than 10723 =

- (a) 15357 (b) 6872
(c) 15234 (d) 5432

3. 6329 is _____ less than 8234.

- (a) 2432 (b) 1832
(c) 1542 (d) 1905

4. 8372 is _____ more than 6321

- (a) 1985 (b) 1765
(c) 2051 (d) 2722

5. $(2372 + 1461) - (891) =$

- (a) 2645 (b) 2432
(c) 2075 (d) 2942

6. $(8453 + 2735) - (5421) =$

- (a) 5767 (b) 5235
(c) 4321 (d) 5675

$$\begin{array}{r} 5 \quad A \quad 3 \quad 1 \\ + 2 \quad 1 \quad 2 \quad B \\ \hline 7 \quad 9 \quad C \quad 0 \end{array}$$

$$A + B + C =$$

- (a) 19 (b) 21
(c) 23 (d) 20

$$\begin{array}{r} 6 \quad A \quad 6 \quad B \\ - 2 \quad 7 \quad 5 \quad 2 \\ \hline 3 \quad 4 \quad C \quad 2 \end{array}$$

$$A + B + C =$$

- (a) 6 (b) 9
(c) 3 (d) 7

9. Which of following is 800 less than 2542

- (a) 1625 (b) 1935
(c) 1834 (d) 1742

10. 3789 is _____ hundreds more than 5289.

- (a) 15 (b) 100
(c) 1500 (d) 150

$$\begin{array}{r} 2 \quad 3 \\ \times 4 \quad 8 \\ \hline \end{array}$$

- (a) 1239 (b) 1673
(c) 1892 (d) 1104



12.
$$\begin{array}{r} 456 \\ \times 73 \\ \hline \end{array}$$

- (a) 33188 (b) 33072
(c) 34692 (d) 33288

13.
$$\begin{array}{r} 413 \\ \times 812 \\ \hline \end{array}$$

- (a) 335356 (b) 345782
(c) 376543 (d) 389276

14.
$$\begin{array}{r} 317 \\ \times 592 \\ \hline \end{array}$$

- (a) 174332 (b) 205672
(c) 193420 (d) 187664

15.
$$24 \overline{)3000}$$

- (a) 55 (b) 120
(c) 125 (d) 105

16.
$$19 \overline{)14288}$$

- (a) 732 (b) 672
(c) 649 (d) 752

17.
$$(9 \overline{)144}) \times (3 \times 9) - (6 \overline{)192})$$

- (a) 639 (b) 400
(c) 420 (d) 432

18.
$$[7 \times 9] - [3 \times 8] - [4 \times 5]$$

- (a) 22 (b) 20
(c) 19 (d) 17

19. $20 \text{ tens} \div 2 = \underline{\hspace{2cm}}$

- (a) 100 (b) 1000
(c) 500 (d) 200

20. $50 \text{ tens} \times 7 = \underline{\hspace{2cm}}$

- (a) 3872 (b) 350
(c) 35000 (d) 3500

21. $\frac{4}{9} + \frac{8}{3} =$

- (a) $\frac{28}{9}$ (b) $\frac{27}{9}$
(c) $\frac{30}{3}$ (d) $\frac{28}{3}$

22. $\frac{5}{3} + \frac{7}{2} =$

- (a) $\frac{5}{6}$ (b) $\frac{31}{6}$
(c) $\frac{30}{6}$ (d) $\frac{4}{9}$

23. $\frac{9}{2} - \frac{5}{8} =$

- (a) $\frac{29}{7}$ (b) $\frac{31}{8}$
(c) $\frac{30}{8}$ (d) $\frac{28}{8}$

24. $\frac{53}{7} - \frac{1}{4} =$

- (a) $\frac{102}{14}$ (b) $\frac{250}{2}$
(c) $\frac{205}{28}$ (d) $\frac{250}{14}$

25. $\frac{8}{9}, \frac{1}{3}, \frac{2}{7}, \frac{3}{4}$ The smallest fraction is _____

- (a) $\frac{1}{3}$ (b) $\frac{3}{4}$
 (c) $\frac{8}{9}$ (d) $\frac{2}{7}$

26. $\frac{1}{2}, \frac{4}{6}, \frac{7}{2}, \frac{9}{5}$ the greatest fraction is _____

- (a) $\frac{7}{2}$ (b) $\frac{9}{5}$
 (c) $\frac{1}{2}$ (d) $\frac{4}{6}$

27. $\frac{5}{4} = \frac{\square}{20}$
 The missing number is

- (a) 30 (b) 26
 (c) 25 (d) 27

28. $\frac{7}{3} = \frac{56}{\square}$

(a) 30 (b) 33
 (c) 29 (d) 24

29. $\frac{4}{5} \times \frac{16}{3} \times \frac{2}{9} =$

(a) $\frac{172}{135}$ (b) $\frac{128}{135}$
 (c) $\frac{135}{182}$ (d) $\frac{142}{162}$

30. $\frac{4}{9} \div \frac{3}{6} \times \frac{12}{7} =$

- (a) $\frac{252}{192}$ (b) $\frac{288}{189}$
 (c) $\frac{262}{72}$ (d) $\frac{462}{83}$

31. $\frac{8}{9} \div \frac{16}{17} =$

- (a) $\frac{136}{144}$ (b) $\frac{129}{230}$
 (c) $\frac{172}{342}$ (d) $\frac{144}{136}$

32. $\frac{4}{90} \div \frac{5}{56} =$

- (a) $\frac{429}{321}$ (b) $\frac{224}{450}$
 (c) $\frac{432}{216}$ (d) $\frac{262}{450}$

33. $8\frac{1}{4} \times 16 =$ _____

- (a) 148 (b) 132
 (c) 138 (d) 142

34. $6\frac{2}{5} \times 25 =$ _____

- (a) 160 (b) 170
 (c) 165 (d) 185

35. $6 \text{ kg } 300 \text{ gm} + 2 \text{ kg } 200 \text{ gm}$
= _____

- (a) 6 kg 200 gm (b) 3 kg 200 gm
(c) 8 kg 500 gm (d) 9 kg 500 gm

36. $8 \text{ l } 375 \text{ ml} = 4 \text{ l } 872 \text{ ml} + \underline{\hspace{2cm}}$

- (a) 6 l 392 ml (b) 3 l 503 ml
(c) 3 l 389 ml (d) 4 l 503 ml

37. $7 \text{ hrs } 29 \text{ min} + 3 \text{ hrs } 49 \text{ min}$
= _____

- (a) 11 hrs 18 min (b) 10 hrs 48 min
(c) 11 hrs 23 min (d) 10 hrs 52 min

38. $8 \text{ hrs } 39 \text{ min} - 2 \text{ hrs } 55 \text{ min}$
= _____

- (a) 6 hrs 30 min (b) 5 hrs 46 min
(c) 5 hrs 44 min (d) 7 hrs 20 min

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

50, 82, 146,

- (a) 292 (b) 346
(c) 282 (d) 274

40. 572, 584, 596,

- (a) 600 (b) 610
(c) 624 (d) 608

SECTION 2

(Mental Maths Concepts)

41. 20 hundreds 31 ones – ☆
= 339

Which following number
represent ☆

- (a) 1692 (b) 1329
(c) 1842 (d) 1743

42. $A - 3929 = 4123$

$A = B + 2359$

Find the value of B

- (a) 4321 (b) 5693
(c) 8052 (d) 3469

43. The L.C.M of 3, 9 and 2 is

- (a) 27 (b) 46
(c) 80 (d) 18

44. The H.C.F. of 16, 18 and 12
is _____

- (a) 3 (b) 2
(c) 6 (d) 4

45. The sum of divisor of 27 is

- (a) 40 (b) 38
(c) 48 (d) 72

- 46.** Which of the following number is exactly divisible by 8
(a) 209 (b) 212
(c) 210 (d) 208
- 47.** Which of the following number exactly divisible by 9
(a) 26729 (b) 24629
(c) 21132 (d) 23729
- 48.** 269 hecto gram = _____ gm
(a) 26900000 (b) 26900
(c) 269000000 (d) 269000
- 49.** 829 decalitre = _____ centilitre
(a) 8.29 (b) 8290000
(c) 82.9 (d) 829000
- 50.** 360 metre = _____ hecto metre
(a) 3.6 (b) 360
(c) 36 (d) 0.36
- 51.** In 5 innings Ramesh scored 36, 48, 29, 34 and 23. Find his average score?
(a) 42 (b) 34
(c) 38 (d) 44
- 52.** $3.5 + 29.2 + 62.358 =$

(a) 95.261 (b) 94.32
(c) 98.58 (d) 95.058
- 53.** $27.32 - 15.469 =$ _____
(a) 11.26 (b) 10.634
(c) 11.851 (d) 11.829
- 54.** $12.4 \times 2.2 =$ _____
(a) 22.43 (b) 27.28
(c) 26.39 (d) 34.46
- 55.** $8.46 \div 0.9 =$ _____
(a) 9.1 (b) 9.4
(c) 8.2 (d) 9.6
- 56.** $3 \times [21 + \{5 + 8 - (7 - 2)\}] =$
(a) 46 (b) 87
(c) 72 (d) 76
- 57.** $[9 + (-2)] - [6 \times -2] =$ _____
(a) 18 (b) 19
(c) 21 (d) 32
- 58.** 25% of 820 = _____
(a) 205 (b) 262
(c) 405 (d) 320
- 59.** 15% of 80 = _____
(a) 12 (b) 20
(c) 16 (d) 14
- 60.** 50% of 29 = _____
(a) 10.5 (b) 14.5
(c) 13.8 (d) 12.2

SECTION 3 (Mental Maths Challenge)

- 61.** ₹ 50 were shared among three girls. Sarika received $\frac{1}{5}$ of the money and Amita received $\frac{1}{2}$ more than Sarika. If Mayuri received the rest of the money. How much was Mayuri's share?
- (a) ₹ 15 (b) ₹ 25 (c) ₹ 35 (d) ₹ 40
- 62.** Mahesh read $\frac{1}{4}$ of a book. If he read further 80 pages, he would have read $\frac{3}{4}$ of the book. How many pages were there in the book.
- (a) 120 (b) 160 (c) 320 (d) 100
- 63.** Mrs. Verma took 15 minute to sew 8 buttons. How many buttons could she sew in 3 hours at the same rate?
- (a) 60 (b) 32 (c) 96 (d) 38
- 64.** 30% of 60 + 40% of 90 + 65% of 100 = _____
- (a) 119 (b) 120 (c) 40 (d) 26
- 65.** $\bigcirc \times \Delta = 56$
 $\bigcirc - \star = 3$
 $\Delta + \Delta = 16$
Find the value of \star
- (a) 2 (b) 8 (c) 3 (d) 4

- 66.** Rope X is 4.8 m long
Rope Y is $\frac{3}{4}$ of Rope X
Rope Z is $\frac{1}{4}$ the length of Rope Y.
Find the total length of the 3 ropes in meters.
(a) 2.5 m (b) 9.3 m (c) 8.4 m (d) 7.3 m
- 67.** A square table can seat 4 people with 1 person on each side. If 20 such tables are put end to end in a row, how many people can be seated?
(a) 80 (b) 60 (c) 48 (d) 42
- 68.** Which of the following number is divisible by 4
(a) 366 (b) 393 (c) 462 (d) 528
- 69.** At the sale, shirts were sold at 4 for 800 and 3 for ₹ 750, how much Mrs. Joshi pay for 23 shirts?
(a) ₹ 4750 (b) ₹ 4000 (c) ₹ 3920 (d) ₹ 4240
- 70.** Find the 6th term in the number sequence. 60, 115, 170,
- (a) 335 (b) 390 (c) 280 (d) 360

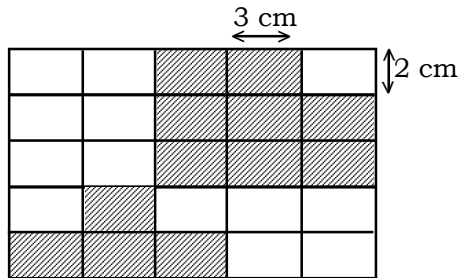
71. Sharon has thrice as many stamps as Ben. Raun has 5 more stamps than Ben. If Raun has 16 stamps. How many stamps they have altogether?

- (a) 60 (b) 70 (c) 25 (d) 30

72. If 1st March falls on Tuesday. Which day of the week will come on 23rd June in that year.

- (a) Tuesday (b) Thursday (c) Saturday (d) Monday

73.



The perimeter of shaded figure is _____ cm

- (a) 30 cm (b) 40 cm (c) 56 cm (d) 50 cm

74. Find the missing number

$$[6 + 30 \times \square] \div 12 = 13$$

- (a) 2 (b) 5 (c) 4 (d) 3

75. If $a \diamond b = a \times 6 - b \times 3$ find

$$7 \diamond 4 = \square$$

- (a) 40 (b) 36 (c) 22 (d) 30