


**SECTION 1 (Mental Maths Calculation)**

1. 13624 less than 96842 =

\_\_\_\_\_

- (a) 83218                      (b) 82218  
(c) 83318                      (d) 81218

2. 5486 more than 22468 =

\_\_\_\_\_

- (a) 26954                      (b) 27954  
(c) 28954                      (d) 28944

3. 6540 is \_\_\_\_\_ less than 7885.

- (a) 1235                      (b) 1245  
(c) 1335                      (d) 1345

4. 9987 is \_\_\_\_\_ more than 3189

- (a) 6688                      (b) 6698  
(c) 6798                      (d) 6808

5.  $(7485 + 6259) - (4458) =$

\_\_\_\_\_

- (a) 9176                      (b) 9286  
(c) 9386                      (d) 9396

6.  $(4859 + 3158) - (5541) =$

\_\_\_\_\_

- (a) 2366                      (b) 2376  
(c) 2466                      (d) 2476

7.            3    A    4    8  
          + 6    5    4    B  
          — 9    6    C    6

$A + B + C =$

- (a) 18                              (b) 19  
(c) 20                              (d) 21

8.            7    A    8    B  
          - 1    5    4    9  
          — 6    3    C    4

$A + B + C =$

- (a) 12                              (b) 13  
(c) 14                              (d) 15

9. Which of following is 1889 less than 8463

- (a) 6474                      (b) 6574  
(c) 6674                      (d) 6684

10. 7419 is \_\_\_\_\_ hundreds more than 1719.

- (a) 5700                      (b) 570  
(c) 75                              (d) 57

11.            6 1  
          × 8 1  
          —

- (a) 4841                      (b) 4941  
(c) 5041                      (d) 4851

12. 
$$\begin{array}{r} 486 \\ \times 59 \\ \hline \end{array}$$

- (a) 27674 (b) 27774  
(c) 28674 (d) 28774

13. 
$$\begin{array}{r} 486 \\ \times 981 \\ \hline \end{array}$$

- (a) 475666 (b) 475766  
(c) 476666 (d) 476766

14. 
$$\begin{array}{r} 748 \\ \times 356 \\ \hline \end{array}$$

- (a) 266288 (b) 266298  
(c) 266388 (d) 267288

15. 
$$23 \overline{)3864}$$

- (a) 138 (b) 148  
(c) 158 (d) 168

16. 
$$29 \overline{)4234}$$

- (a) 136 (b) 146  
(c) 156 (d) 166

17.  $(6 \overline{)48}) \times (2 \times 6) - (4 \overline{)36})$

- (a) 83 (b) 85  
(c) 87 (d) 89

18.  $[9 \times 8] - [7 \times 3] - [5 \times 6]$

- (a) 17 (b) 19  
(c) 20 (d) 21

19. 15 tens  $\div$  3 = \_\_\_\_\_

- (a) 5 (b) 55  
(c) 15 (d) 50

20. 17 tens  $\times$  4 = \_\_\_\_\_

- (a) 680 (b) 68  
(c) 6800 (d) 600

21.  $\frac{4}{3} + \frac{5}{6} =$

- (a)  $\frac{13}{6}$  (b)  $\frac{11}{6}$   
(c)  $\frac{9}{6}$  (d)  $\frac{14}{6}$

22.  $\frac{1}{5} + \frac{3}{10} =$

- (a)  $\frac{4}{5}$  (b)  $\frac{1}{2}$   
(c)  $\frac{4}{10}$  (d)  $\frac{7}{10}$

23.  $\frac{5}{8} - \frac{1}{2} =$

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

24.  $\frac{15}{7} - \frac{2}{3} =$

- (a)  $\frac{13}{21}$  (b)  $\frac{18}{21}$   
(c)  $\frac{23}{21}$  (d)  $\frac{31}{21}$

25.  $\frac{5}{8}$ ,  $\frac{1}{12}$ ,  $\frac{3}{16}$ ,  $\frac{1}{3}$  The smallest fraction is \_\_\_\_\_

- (a)  $\frac{5}{8}$  (b)  $\frac{1}{12}$   
(c)  $\frac{3}{16}$  (d)  $\frac{1}{3}$

26.  $\frac{11}{15}$ ,  $\frac{2}{3}$ ,  $\frac{1}{5}$ ,  $\frac{6}{10}$  the greatest fraction is \_\_\_\_\_

- (a)  $\frac{11}{15}$  (b)  $\frac{2}{3}$   
(c)  $\frac{1}{5}$  (d)  $\frac{6}{10}$

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

The missing number is

- (a) 12 (b) 14  
(c) 16 (d) 18

28.  $\frac{3}{8} = \frac{9}{\square}$

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

29.  $\frac{3}{5} \times \frac{6}{12} \times \frac{25}{18} =$

- (a)  $\frac{5}{12}$  (b)  $\frac{5}{4}$   
(c)  $\frac{25}{12}$  (d)  $\frac{25}{4}$

30.  $\frac{3}{8} \div \frac{1}{4} \times \frac{2}{5} =$

- (a)  $\frac{15}{4}$  (b)  $\frac{3}{20}$   
(c)  $\frac{3}{80}$  (d)  $\frac{3}{5}$

31.  $\frac{4}{7} \div \frac{16}{35} =$

- (a)  $\frac{64}{245}$  (b)  $\frac{1}{20}$   
(c)  $\frac{5}{4}$  (d)  $\frac{4}{5}$

32.  $\frac{3}{20} \div \frac{81}{5} =$

- (a)  $\frac{243}{100}$  (b)  $\frac{1}{108}$   
(c)  $\frac{1}{36}$  (d)  $\frac{1}{27}$

33.  $6\frac{1}{4} \times 16 =$  \_\_\_\_\_

- (a) 90 (b) 96  
(c) 98 (d) 100

34.  $1\frac{4}{7} \times 49 =$  \_\_\_\_\_

- (a) 56 (b) 77  
(c) 84 (d) 91

35.  $4 \text{ kg } 650 \text{ gm} + 3 \text{ kg } 750 \text{ gm}$

= \_\_\_\_\_

- (a) 7 kg 400 gm      (b) 7 kg 300 gm  
(c) 8 kg 400 gm      (d) 8 kg 300 gm

36.  $7 \text{ l } 540 \text{ ml} = 3 \text{ l } 810 \text{ ml} + \underline{\hspace{2cm}}$

- (a) 3l 750ml      (b) 3l 730ml  
(c) 4l 750ml      (d) 4l 730ml

37.  $4 \text{ hrs } 59 \text{ min} + 3 \text{ hrs } 54 \text{ min}$

= \_\_\_\_\_

- (a) 8 hrs 53 min      (b) 8 hrs 13 min  
(c) 7 hrs 53 min      (d) 7 hrs 13 min

38.  $8 \text{ hrs } 12 \text{ min} - 2 \text{ hrs } 53 \text{ min}$

= \_\_\_\_\_

- (a) 6 hrs 59 min      (b) 5 hrs 19 min  
(c) 5 hrs 59 min      (d) 6 hrs 19 min

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

35, 69, 137, .....

- (a) 215      (b) 239  
(c) 273      (d) 281

40. 415, 432, 449, .....

- (a) 460      (b) 462  
(c) 464      (d) 466

## SECTION 2

### (Mental Maths Concepts)

41. 17 hundreds 58 ones – ☆  
= 115

Which following number  
represent ☆

- (a) 1543      (b) 1633  
(c) 1643      (d) 1743

42.  $A - 1236 = 4798$

$A = B + 3105$

Find the value of B

- (a) 2929      (b) 3019  
(c) 3039      (d) 3119

43. The L.C.M of 3, 6 and 8 is

\_\_\_\_\_

- (a) 18      (b) 20  
(c) 24      (d) 48

44. The H.C.F. of 9, 15 and 21  
is \_\_\_\_\_

- (a) 1      (b) 3  
(c) 5      (d) 7

45. The sum of divisor of 40 is

\_\_\_\_\_

- (a) 60      (b) 68  
(c) 77      (d) 90



- 46.** Which of the following number is exactly divisible by 8  
(a) 760 (b) 860  
(c) 660 (d) 690
- 47.** Which of the following number exactly divisible by 7  
(a) 3976 (b) 4608  
(c) 3392 (d) 2249
- 48.** 352 hecto gram = \_\_\_\_\_ gm  
(a) 352000 (b) 35200  
(c) 3520000 (d) 352000000
- 49.** 474 decalitre = \_\_\_\_\_ centilitre  
(a) 4.74 (b) 4740  
(c) 47400 (d) 474000
- 50.** 137 metre = \_\_\_\_\_ hecto metre  
(a) 13.7 (b) 1.37  
(c) 1370 (d) 13700
- 51.** In 5 innings Ramesh scored 48, 58, 75, 3 and 46. Find his average score?  
(a) 44 (b) 46  
(c) 48 (d) 50
- 52.**  $1.9 + 2.45 + 58.153 =$  \_\_\_\_\_  
(a) 62.493 (b) 62.422  
(c) 62.503 (d) 62.513
- 53.**  $18.418 - 5.78 =$  \_\_\_\_\_  
(a) 12.638 (b) 12.642  
(c) 12.648 (d) 13.638
- 54.**  $31.5 \times 1.3 =$  \_\_\_\_\_  
(a) 40.25 (b) 40.35  
(c) 40.95 (d) 41.05
- 55.**  $6.552 \div 1.4 =$  \_\_\_\_\_  
(a) 4.08 (b) 4.28  
(c) 4.48 (d) 4.68
- 56.**  $3 \times [12 + \{4 + 7 - (8 - 5)\}] =$   
(a) 61 (b) 60  
(c) 137 (d) 155
- 57.**  $[7 + (-10)] - [5 \times -3] =$  \_\_\_\_\_  
(a) -12 (b) -15  
(c) 12 (d) 15
- 58.** 25% of 624 = \_\_\_\_\_  
(a) 156 (b) 166  
(c) 158 (d) 168
- 59.** 15% of 110 = \_\_\_\_\_  
(a) 15.5 (b) 16.5  
(c) 18 (d) 20
- 60.** 50% of 249 = \_\_\_\_\_  
(a) 124 (b) 125  
(c) 124.5 (d) 126.5

**SECTION 3 (Mental Maths Challenge)**

- 61.** Mrs. Lim has 3448 rubber bands. She gave 256 of them to her neighbour and put the rest in equal numbers into 7 boxes. How many rubber bands are there in each box?
- (a) 237                      (b) 353                      (c) 416                      (d) 456
- 62.** Which of the following numbers is perfect square number \_\_\_\_\_
- (a) 4225                      (b) 3036                      (c) 4751                      (d) 1166
- 63.** Rope X is 4.8 m long  
Rope Y is  $\frac{5}{6}$  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) 9.8 m                      (b) 9.9 m                      (c) 9.7 m                      (d) 10 m
- 64.** Which of the following number is divisible by 11
- (a) 4 3 3 4 1 7                      (b) 5 4 5 3 1 4  
(c) 7 1 2 5 1 8                      (d) 2 1 5 9 4 2
- 65.**  $\bigcirc \times \Delta = 96$   
 $\bigcirc - \star = 2$   
 $\Delta + \Delta = 32$   
Find the value of  $\star$
- (a) 1                      (b) 2                      (c) 3                      (d) 4

66. If  $a \diamond b = a \times 3 - b \times 7$  find

$$6 \diamond 2 = \square$$

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

67. Pratik and Kishor had a total 22 stamps. Pratik then gave 3 stamps to Kishor. Both of them had an equal number of stamps at the end. How many stamps did Kishor have at first?

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

68. At the sale, shirts were sold at 3 for 250 and 4 for ₹ 320, how much Mrs. Joshi pay for 19 shirts?

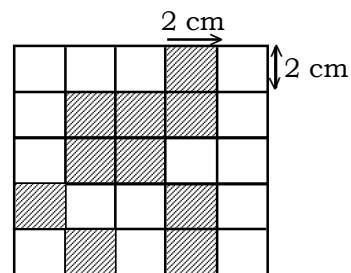
- (a) 1570                      (b) 1490                      (c) 1510                      (d) 1530

69. Find the missing number

$$[12 + 5 \times \square] \div 6 = 17$$

- (a) 17                      (b) 18                      (c) 19                      (d) 20

70.



The perimeter of shaded figure is \_\_\_\_\_ cm

- (a) 52 cm                      (b) 54 cm                      (c) 56 cm                      (d) 58 cm

- 71.** What will be 5th term in the given series  
179, 369, 559, ..... , .....
- (a) 749                      (b) 879                      (c) 939                      (d) 999
- 72.** ₹ 48 were shared among three girls. Sarika received  $\frac{1}{6}$  of the money and Amita received ₹ 10 more than Sarika. If Mayuri received the rest of the money. How much was Mayuri's share?
- (a) ₹ 30                      (b) ₹ 22                      (c) ₹ 26                      (d) ₹ 32
- 73.** Some year ago, 3<sup>rd</sup> January was Friday. Which day of the week was 10<sup>th</sup> July in that year.
- (a) Monday                      (b) Tuesday                      (c) Wednesday                      (d) Thursday
- 74.** A Jug can hold 4l of water. 6 Jugs can hold as much water as 8 bottles. Find the volume of a bottle?
- (a) 3 l                      (b) 4 l                      (c) 5 l                      (d) 6 l
- 75.** Ajay spent ₹ 156 for 4 notebook and 19 pens, if cost of notebook is ₹ 20. Find cost of 3 pens.
- (a) ₹ 4                      (b) ₹ 8                      (c) ₹ 10                      (d) ₹ 12