



### SECTION 1 (Mental Maths Calculation)

1.  $3708 + 7631 = \underline{\hspace{2cm}}$

- (a) 10109                      (b) 11239  
(c) 11339                      (d) 11449

2.  $6399 - 3855 = \underline{\hspace{2cm}}$

- (a) 2214                      (b) 2544  
(c) 2314                      (d) 2644

3.  $5699 + 2589 = \underline{\hspace{2cm}}$

- (a) 8278                      (b) 8188  
(c) 8288                      (d) 8378

4.  $9852 - 6399 = \underline{\hspace{2cm}}$

- (a) 3453                      (b) 3451  
(c) 3313                      (d) 3153

5.  $4899 - 3999 = \underline{\hspace{2cm}}$

- (a) 900                      (b) 800  
(c) 700                      (d) 1100

6.  $5961 + 2693 = \underline{\hspace{2cm}}$

- (a) 7654                      (b) 8654  
(c) 8644                      (d) 8514

#### Find Value of A (Q.7 to Q.10)

7. 
$$\begin{array}{r} 6357 \\ + 321A \\ \hline 9571 \end{array}$$

- (a) 3                      (b) 5  
(c) 7                      (d) 4

8. 
$$\begin{array}{r} 4175 \\ - 30A4 \\ \hline 1151 \end{array}$$

- (a) 3                      (b) 5  
(c) 2                      (d) 7

9. 
$$\begin{array}{r} 5399 \\ - 2589 \\ \hline 2A10 \end{array}$$

- (a) 5                      (b) 4  
(c) 6                      (d) 8

10. 
$$\begin{array}{r} 3145 \\ + 417A \\ \hline 7323 \end{array}$$

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

11.  $596 - \square = 254$

- (a) 362                      (b) 432  
(c) 342                      (d) 414

12.  $\square + 569 = 935$

- (a) 466                      (b) 366  
(c) 416                      (d) 426

13.  $\square - 326 = 463$

- (a) 679 (b) 789  
(c) 629 (d) 776

14.  $199 \times 12 =$  \_\_\_\_\_

- (a) 2168 (b) 2368  
(c) 2388 (d) 2148

15.  $565 \times 13 =$  \_\_\_\_\_

- (a) 7235 (b) 7345  
(c) 6345 (d) 6235

16.  $255 \times 19 =$  \_\_\_\_\_

- (a) 4555 (b) 4735  
(c) 4845 (d) 3155

17.  $18 \times 663 =$  \_\_\_\_\_

- (a) 10735 (b) 9735  
(c) 11825 (d) 11934

18.  $17 \times 226 =$  \_\_\_\_\_

- (a) 3842 (b) 3552  
(c) 3742 (d) 4652

19. Find the multiple of 17 among given options.

- (a) 121 (b) 163  
(c) 171 (d) 153

20. Find the multiple of 18 among given options.

- (a) 108 (b) 138  
(c) 116 (d) 118

21.  $96 \div 12 =$  \_\_\_\_\_

- (a) 8 (b) 4  
(c) 7 (d) 6

22.  $144 \div 16 =$  \_\_\_\_\_

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

23. When 130 is divided by 18, remainder is \_\_\_\_\_

- (a) 4 (b) 7  
(c) 3 (d) 5

24. When 156 is divided by 14, remainder is \_\_\_\_\_

- (a) 9 (b) 3  
(c) 2 (d) 8

25. Which of following number is a multiple of both 16 & 12

- (a) 184 (b) 154  
(c) 156 (d) 144

26. Which of following number is a multiple of both 6 & 18

- (a) 171 (b) 154  
(c) 180 (d) 176

27.  $\square \div 5 = 23$

- (a) 160 (b) 135  
(c) 120 (d) 115



28.  $96 \div \square = 8$

- (a) 12 (b) 14  
(c) 18 (d) 8

29.  $\square \div 9 = 12$

- (a) 181 (b) 118  
(c) 106 (d) 108

30.  $\square \div 16 = 6$

- (a) 66 (b) 56  
(c) 96 (d) 81

31.  $16 \times \square = 144$

- (a) 8 (b) 11  
(c) 7 (d) 9

32.  $(8 + 3 - 2) \times (5 + 5 + 4) =$

- \_\_\_\_\_
- (a) 114 (b) 146  
(c) 126 (d) 124

33.  $(9 \times 6 \times 8) - (13 \times 6 - 9) =$

- \_\_\_\_\_
- (a) 353 (b) 303  
(c) 313 (d) 363

34.  $(7 \times 8 \times 3) - (7 \times 9 \times 2) =$

- \_\_\_\_\_
- (a) 52 (b) 42  
(c) 46 (d) 76

35.  $(11 \times 6) + (6 \times 9) - (7 \times 7) =$

- \_\_\_\_\_
- (a) 84 (b) 96  
(c) 71 (d) 82

36.  $(19 \times 9) - (17 \times 2) + (18 \times 8) =$

- (a) 181 (b) 281  
(c) 271 (d) 381

37.  $\frac{14}{19} \times 171 =$  \_\_\_\_\_

- (a) 126 (b) 106  
(c) 116 (d) 136

38.  $\frac{1}{8} \times 96 =$  \_\_\_\_\_

- (a) 14 (b) 12  
(c) 16 (d) 8

39. Double of 689 = \_\_\_\_\_

- (a) 1268 (b) 1568  
(c) 1378 (d) 1498

40. Half of 654 = \_\_\_\_\_

- (a) 357 (b) 337  
(c) 327 (d) 324



**SECTION 2**  
**(Mental Maths Concepts)**

- 41.** Six thousand thirty five +  
Two thousand five hundred  
sixty nine =  
(a) 8604 (b) 7304  
(c) 8754 (d) 8154
- 42.** Nine thousand and forty nine  
– Seven hundred seventy  
nine =  
(a) 9379 (b) 8279  
(c) 8379 (d) 9279
- 43.**  $69 + 75 + 55 + 50 + 65 + 79 +$   
 $45 + 75 + 90 =$  \_\_\_\_\_  
(a) 545 (b) 593  
(c) 603 (d) 743
- 44.** The difference between  
 $(17 \times 7)$  and  $(13 \times 5)$  is \_\_\_\_\_  
(a) 44 (b) 54  
(c) 34 (d) 64
- 45.** The sum of  $(19 \times 4)$  and  
 $(13 \times 6)$  is \_\_\_\_\_  
(a) 168 (b) 156  
(c) 154 (d) 146
- 46.**  $(36 \text{ less than } 961) +$   
 $(26 \text{ more than } 719) =$  \_\_\_\_\_  
(a) 1617 (b) 1760  
(c) 1670 (d) 1660
- 47.**  $(99 \text{ more than } 600) -$   
 $(55 \text{ less than } 500) =$  \_\_\_\_\_  
(a) 245 (b) 257  
(c) 217 (d) 254
- 48.**  $(18 + 9) \times (36 - 9) =$  \_\_\_\_\_  
(a) 829 (b) 419  
(c) 729 (d) 769
- 49.**  $(29 + 14) \times (19 - 5) =$  \_\_\_\_\_  
(a) 620 (b) 502  
(c) 612 (d) 602
- 50.**  $(12 \times 9) \div (3 \times 2) =$  \_\_\_\_\_  
(a) 18 (b) 28  
(c) 8 (d) 36
- 51.** 35th even number before 193  
is \_\_\_\_\_  
(a) 123 (b) 124  
(c) 158 (d) 142
- 52.** 18th odd number after 183  
is \_\_\_\_\_  
(a) 229 (b) 216  
(c) 219 (d) 217

- 53.** Find missing number in given number bond.

126	136	147	153
145	155	166	?

- (a) 172 (b) 169  
(c) 177 (d) 179

- 54.** Find missing number in given number bond.

14	23	34	45
52	61	72	?

- (a) 79 (b) 83  
(c) 81 (d) 89

- 55.** Find missing number in given number bond.

15	26	34	41
90	156	204	?

- (a) 256 (b) 226  
(c) 246 (d) 236

- 56.** 17 weeks + 8 days = \_\_\_\_\_ days

- (a) 119 (b) 127  
(c) 117 (d) 137

- 57.**  $16\frac{1}{2}$  year = \_\_\_\_\_ months

- (a) 198 (b) 188  
(c) 178 (d) 168

- 58.**  $3\frac{1}{2} + 4\frac{1}{4} =$   quarters

- (a) 11 (b) 31  
(c) 21 (d) 41

- 59.**  $8\frac{1}{2} - 3\frac{1}{4} =$   quarters

- (a) 12 (b) 21  
(c) 17 (d) 31

- 60.** How many days are together in January, March and July?

- (a) 93 (b) 91  
(c) 94 (d) 92

**SECTION 3 (Mental Maths Challenge)**

61. Choose the false statement.

(a)  $18 - 4 = 7 + 7$

(b)  $13 + 6 < 16$

(c)  $12 + 2 > 9 - 6$

(d)  $7 + 7 = 2 \times 7$

62.  $(MDLX - DXX) + (CXL + XC) = \underline{\hspace{2cm}}$

(a) MCLXX

(b) MCCLXX

(c) MCCLXXX

(d) MCLXXX

63. Reduce the fraction into smallest form

$$\frac{5}{20} = \frac{\square}{\square} \quad \left. \vphantom{\frac{5}{20}} \right\} C$$

$$\frac{90}{20} = \frac{\square}{\square} \quad \left. \vphantom{\frac{90}{20}} \right\} D$$

$$C + D = \frac{\square}{\square}$$

(a)  $\frac{5}{4}$

(b)  $\frac{14}{4}$

(c)  $\frac{19}{4}$

(d)  $\frac{4}{5}$

64. There were total 50 red and green apples in a basket at first. Some apples were rotten and thrown away. There were 20 green apples and 20 red apples left. How many apples were rotten?

(a) 9

(b) 10

(c) 12

(d) 15

65. Pari had some sweets. She gave 28 sweets each to her two friends. She had 43 sweets left. How many sweets did Pari have at first?

(a) 99

(b) 89

(c) 69

(d) 109

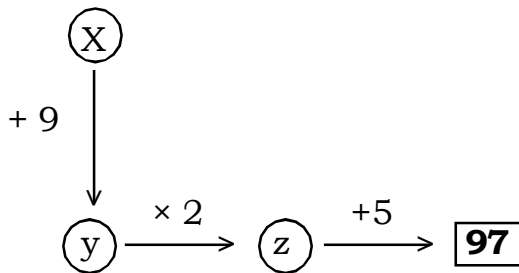
66. There are 841 chairs in a school hall, Mr. Shah takes 289 of them away.  
The clerk brings in 179 more chairs. How many chairs are there now?

(a) 731                      (b) 713                      (c) 631                      (d) 552

67. Arjun bought 20 sandwiches for a picnic. He placed sandwiches equally into 4 baskets. If one basket of sandwiches was left after the picnic, how many sandwiches were left after the picnic ?

(a) 7                      (b) 5                      (c) 4                      (d) 3

68.



The value of x is \_\_\_\_\_

(a) 38                      (b) 42                      (c) 37                      (d) 25

69. 9 tens 9 ones + 69 =

There are \_\_\_\_\_ tens in the number represented by .

(a) 14                      (b) 16                      (c) 17                      (d) 15

70. A Watermelon was cut into 3 pieces P, Q and R. The mass of P was 79 unit, Q was 23 unit lighter than P. The mass of R was 37 unit more than Q. The mass of watermelon was \_\_\_\_\_ units.

(a) 230                      (b) 228                      (c) 218                      (d) 208

71. Compare the answer of the following.

$$10 - 7$$

$$8 + 8$$

$$22 - 15$$

$$3 + 7$$

The smallest answer in words is \_\_\_\_\_

(a) Fifteen

(b) Three

(c) Seven

(d) Four

72. If 17<sup>th</sup> June 2002 falls on Friday then 3<sup>rd</sup> September 2002 falls on \_\_\_\_\_

(a) Sunday

(b) Monday

(c) Saturday

(d) Friday

73. Write the missing number in the box.

$$\text{●} + \text{△} + \text{☆} = 18 \quad \text{If } \text{☆} = 7$$

$$\text{△} + \text{△} + \text{☆} = 15$$

$$\text{●} - \text{△} = \boxed{?}$$

(a) 4

(b) 3

(c) 8

(d) 7

74. ☆ is between 45 and 41. \_\_\_\_\_ and ☆ make 9 tens.

(a) 44

(b) 42

(c) 47

(d) 50

75. Seema is 7 years old now. Three years ago, her brother was 13 years old. What is their total age now?

(a) 21 yrs

(b) 33 yrs

(c) 23 yrs

(d) 18 yrs