



### SECTION 1 (Mental Maths Calculation)

1.  $9108 + 3175 = \underline{\hspace{2cm}}$

- (a) 11283                      (b) 10283  
(c) 12283                      (d) 12293

2.  $7328 - 1579 = \underline{\hspace{2cm}}$

- (a) 5849                      (b) 5939  
(c) 5759                      (d) 5749

3.  $5176 + 2027 = \underline{\hspace{2cm}}$

- (a) 7183                      (b) 7203  
(c) 7213                      (d) 7193

4.  $8673 - 4829 = \underline{\hspace{2cm}}$

- (a) 3844                      (b) 3854  
(c) 3744                      (d) 3954

5.  $9387 - 5716 = \underline{\hspace{2cm}}$

- (a) 3571                      (b) 3661  
(c) 3671                      (d) 3561

6.  $5327 + 3029 = \underline{\hspace{2cm}}$

- (a) 8346                      (b) 8256  
(c) 8246                      (d) 8356

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

7. 
$$\begin{array}{r} 4\ 7\ 0\ 9 \\ +\ 5\ 6\ 2\ A \\ \hline 1\ 0\ 3\ 3\ 2 \end{array}$$

- (a) 2                              (b) 3  
(c) 5                              (d) 8

8. 
$$\begin{array}{r} 9\ 6\ 4\ 5 \\ -\ 6\ 6\ A\ 4 \\ \hline 3\ 0\ 1\ 1 \end{array}$$

- (a) 6                              (b) 7  
(c) 3                              (d) 5

9. 
$$\begin{array}{r} 7\ 5\ 0\ 8 \\ -\ 2\ 9\ 1\ 3 \\ \hline 4\ A\ 9\ 5 \end{array}$$

- (a) 4                              (b) 5  
(c) 6                              (d) 9

10. 
$$\begin{array}{r} 5\ 1\ 6\ 9 \\ +\ 3\ 5\ A\ 8 \\ \hline 8\ 7\ 3\ 7 \end{array}$$

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

11.  $729 - \square = 257$

- (a) 472                              (b) 462  
(c) 482                              (d) 427

12.  $\square + 258 = 906$

- (a) 748                              (b) 758  
(c) 658                              (d) 648

13.  $\square - 573 = 635$

- (a) 1108 (b) 1198  
(c) 1208 (d) 1218

14.  $367 \times 19 = \underline{\hspace{2cm}}$

- (a) 6873 (b) 6963  
(c) 6973 (d) 6883

15.  $754 \times 13 = \underline{\hspace{2cm}}$

- (a) 9792 (b) 9802  
(c) 9902 (d) 9912

16.  $865 \times 15 = \underline{\hspace{2cm}}$

- (a) 12875 (b) 12885  
(c) 12965 (d) 12975

17.  $526 \times 17 = \underline{\hspace{2cm}}$

- (a) 8852 (b) 8862  
(c) 8942 (d) 8952

18.  $417 \times 18 = \underline{\hspace{2cm}}$

- (a) 7396 (b) 7506  
(c) 7516 (d) 7606

19. Find the multiple of 13 among given options.

- (a) 198 (b) 237  
(c) 208 (d) 245

20. Find the multiple of 19 among given options.

- (a) 399 (b) 408  
(c) 447 (d) 465

21.  $152 \div 19 = \underline{\hspace{2cm}}$

- (a) 9 (b) 8  
(c) 4 (d) 3

22.  $105 \div 15 = \underline{\hspace{2cm}}$

- (a) 7 (b) 9  
(c) 3 (d) 5

23. When 135 is divided by 19, remainder is  $\underline{\hspace{2cm}}$

- (a) 0 (b) 1  
(c) 2 (d) 3

24. When 257 is divided by 12, remainder is  $\underline{\hspace{2cm}}$

- (a) 5 (b) 4  
(c) 7 (d) 6

25. Which of following number is a multiple of both 8 & 14

- (a) 128 (b) 168  
(c) 154 (d) 196

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

- (a) 216 (b) 224  
(c) 228 (d) 288

27.  $\square \div 13 = 14$

- (a) 182 (b) 192  
(c) 202 (d) 222

28.  $323 \div \square = 17$

- (a) 17 (b) 19  
(c) 21 (d) 23

29.  $\square \div 15 = 17$

- (a) 225 (b) 245  
(c) 255 (d) 265

30.  $\square \div 14 = 17$

- (a) 238 (b) 248  
(c) 268 (d) 278

31.  $16 \times \square = 208$

- (a) 13 (b) 14  
(c) 15 (d) 16

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

- \_\_\_\_\_
- (a) 92 (b) 102  
(c) 112 (d) 122

33.  $(6 \times 9 \times 12) - (3 \times 9 - 0) =$

- \_\_\_\_\_
- (a) 648 (b) 631  
(c) 675 (d) 621

34.  $(4 \times 3 \times 8) - (5 \times 7 \times 2) =$

- \_\_\_\_\_
- (a) 6 (b) 16  
(c) 26 (d) 36

35.  $(7 \times 9) + (2 \times 6) - (5 \times 3) =$

- \_\_\_\_\_
- (a) 50 (b) 60  
(c) 70 (d) 40

36.  $(12 \times 8) - (13 \times 5) + (14 \times 2) =$

- (a) 31 (b) 39  
(c) 49 (d) 59

37.  $\frac{1}{15} \times 195 =$  \_\_\_\_\_

- (a) 11 (b) 17  
(c) 15 (d) 13

38.  $\frac{11}{16} \times 144 =$  \_\_\_\_\_

- (a) 99 (b) 9  
(c) 89 (d) 79

39. Double of 472 = \_\_\_\_\_

- (a) 844 (b) 854  
(c) 944 (d) 954

40. Half of 756 = \_\_\_\_\_

- (a) 373 (b) 378  
(c) 328 (d) 323

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

- 41.** Seven thousand twenty +  
Six hundred and eighty nine =  
(a) 7699 (b) 7669  
(c) 7709 (d) 6709
- 42.** Nine thousand forty – Four  
hundred and sixty two =  
(a) 8578 (b) 7578  
(c) 8588 (d) 8688
- 43.**  $99 + 98 + 97 + 96 + 95 + 94 +$   
 $93 + 92 + 91 + 90 =$  \_\_\_\_\_  
(a) 954 (b) 945  
(c) 944 (d) 955
- 44.** The difference between  
 $(4 \times 8)$  and  $(9 \times 7)$  is \_\_\_\_\_  
(a) 21 (b) 33  
(c) 31 (d) 41
- 45.** The sum of  $(15 \times 7)$  and  
 $(19 \times 6)$  is \_\_\_\_\_  
(a) 219 (b) 229  
(c) 239 (d) 249
- 46.** (43 less than 300) +  
(27 more than 600) = \_\_\_\_\_  
(a) 784 (b) 884  
(c) 794 (d) 874
- 47.** (59 more than 684) –  
(16 less than 391) = \_\_\_\_\_  
(a) 308 (b) 268  
(c) 368 (d) 386
- 48.**  $(17 + 4) \times (8 - 2) =$  \_\_\_\_\_  
(a) 126 (b) 136  
(c) 146 (d) 166
- 49.**  $(15 + 18) \times (20 - 7) =$  \_\_\_\_\_  
(a) 419 (b) 439  
(c) 429 (d) 492
- 50.**  $(8 \times 9) \div (4 \times 3) =$  \_\_\_\_\_  
(a) 5 (b) 6  
(c) 7 (d) 8
- 51.** 25th even number before 265  
is \_\_\_\_\_  
(a) 217 (b) 218  
(c) 219 (d) 216
- 52.** 18th odd number after 475  
is \_\_\_\_\_  
(a) 507 (b) 509  
(c) 511 (d) 513

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

12	27	43	68
35	50	66	?

- (a) 81 (b) 87  
(c) 91 (d) 101

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

8	13	29	45
25	30	46	?

- (a) 62 (b) 72  
(c) 71 (d) 74

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

17	25	48	56
51	75	144	?

- (a) 178 (b) 168  
(c) 148 (d) 158

- 56.** 20 weeks + 20 days = \_\_\_\_\_ days

- (a) 160 (b) 170  
(c) 140 (d) 150

- 57.**  $16\frac{3}{4}$  year = \_\_\_\_\_ months

- (a) 101 (b) 201  
(c) 70 (d) 221

- 58.**  $5\frac{3}{4} + 6\frac{1}{2} =$   quarters

- (a) 47 (b) 48  
(c) 49 (d) 50

- 59.**  $7\frac{1}{4} - 4\frac{1}{2} =$   quarters

- (a) 9 (b) 13  
(c) 11 (d) 15

- 60.** How many days are together in April, July and November?

- (a) 91 (b) 93  
(c) 90 (d) 92

**SECTION 3 (Mental Maths Challenge)**

- 61.**  $(MDLXX - XLIII) + (CLXXV + XCIV) = \underline{\hspace{2cm}}$   
 (a) MDCCXCVI      (b) MDXCCVI      (c) MDXCVI      (d) MDCXVI
- 62.** Reduce the fraction into smallest form  
 $\frac{90}{40} = \frac{\square}{\square}$  } P       $\frac{36}{16} = \frac{\square}{\square}$  } Q  
 P + Q =  $\frac{\square}{\square}$
- (a)  $\frac{9}{2}$       (b)  $\frac{7}{2}$       (c)  $\frac{11}{2}$       (d)  $\frac{5}{2}$
- 63.** Swara had some sweets. She gave 8 sweets each to her two friends. She had 17 sweets left. How many sweets did Swara have at first?  
 (a) 25      (b) 33      (c) 37      (d) 42
- 64.** A Watermelon was cut into 3 pieces X, Y and Z. The mass of X was 29 unit, Y was 14 unit lighter than X. The mass of Z was 17 unit more than Y. The mass of watermelon was \_\_\_\_\_ units.  
 (a) 66      (b) 86      (c) 96      (d) 76
- 65.** D is 7 ten 2 ones more than 87. C is 4 tens 6 ones less than D. Find the value of C.  
 (a) 103      (b) 109      (c) 113      (d) 121

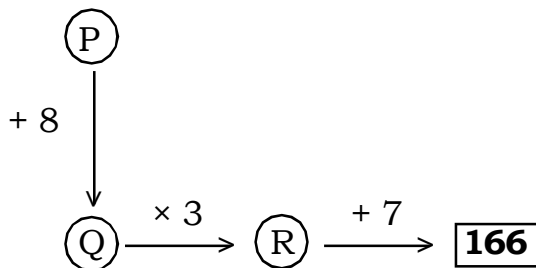
66. Look at the addition sentence below.

$$\boxed{49} + \boxed{?} = \boxed{102}$$

Which of the following is **not** true about the missing number in the addition sentence?

- (a) The digit in the tens place is 5
- (b) It is smaller than 60.
- (c) It has the same value as  $29 + 34$ .
- (d) It is between 50 and 70

67.



The value of P is \_\_\_\_\_

- (a) 45
- (b) 47
- (c) 51
- (d) 55

68. There are 573 chairs in a school hall, Mr. Anil takes 182 of them away.

The clerk brings in 159 more chairs. How many chairs are there now?

- (a) 530
- (b) 540
- (c) 546
- (d) 550

69. If 10<sup>th</sup> July 2016 falls of Saturday then 23<sup>rd</sup> November 2016 falls on \_\_\_\_\_

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

70. ₹  $30 \times 7 + ₹ 15 \times 5 + ₹ 19 \times 4 + ₹ 100 \times 7 =$  \_\_\_\_\_

- (a) 1031
- (b) 1051
- (c) 1061
- (d) 1081

71. Box C is the heaviest. Box A is lighter than Box D.  
Box A is heavier than Box B. If the boxes are arranged in order.  
Such that the heaviest is at the bottom and lightest is at the top.  
Box \_\_\_\_\_ is the 2nd from bottom.

- (a) D (b) C (c) B (d) A

72. Sharon is 19 years old now. Seven years ago, her brother was 15 years old. What is their total age now?

- (a) 31 (b) 34 (c) 41 (d) 51

73. 4 tens 7 ones + 23 = ☆

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

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

74. 

A	6	B
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 × 6 = 

9	7	8
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∴ A + B = ?

- (a) 3 (b) 4 (c) 5 (d) 6

75. Write the missing number in the box.

$$\text{●} + \text{△} + \text{☆} = 48 \quad \text{If } \text{☆} = 7$$

$$\text{△} + \text{△} + \text{☆} = 13$$

$$\text{●} - \text{△} = \boxed{?}$$

- (a) 22 (b) 25 (c) 28 (d) 35