

**SECTION 1 (Mental Maths Calculation)**

1. 
$$\begin{array}{r} 4\ 5\ 3 \\ +\ 3\ 2\ 8 \\ \hline \hline \end{array}$$

- (a) 781 (b) 941  
(c) 841 (d) 851

2. 
$$\begin{array}{r} 9\ 4\ 6 \\ -\ 5\ 6\ 2 \\ \hline \hline \end{array}$$

- (a) 386 (b) 384  
(c) 483 (d) 348

3. 
$$\begin{array}{r} 5\ 2\ 1 \\ +\ 3\ 9\ 8 \\ \hline \hline \end{array}$$

- (a) 909 (b) 819  
(c) 919 (d) 809

4. 
$$\begin{array}{r} 9\ 8\ 7 \\ -\ 7\ 3\ 8 \\ \hline \hline \end{array}$$

- (a) 249 (b) 942  
(c) 294 (d) 429

5.  $27 + \square = 49$

- (a) 22 (b) 12  
(c) 32 (d) 54

6.  $58 - \square = 39$

- (a) 19 (b) 29  
(c) 17 (d) 39

7.  $\square + 14 = 52$

- (a) 28 (b) 48  
(c) 38 (d) 18

8.  $\square - 16 = 29$

- (a) 63 (b) 54  
(c) 45 (d) 65

9. What is next

88, 82, 76,  $\square$

- (a) 70 (b) 71  
(c) 69 (d) 68

10. What is next number

37, 45, 53,  $\square$

- (a) 71 (b) 61  
(c) 81 (d) 51

11. Find the missing digit in a box.

$$\begin{array}{r} 5\ \square\ 9 \\ -\ 1\ 3\ 2 \\ \hline 4\ 1\ 7 \end{array}$$

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



12.

$$\begin{array}{r} 43\Box \\ + 243 \\ \hline 678 \end{array}$$

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

13.  $42 \div 6 = \underline{\hspace{2cm}}$ 

- (a) 5 (b) 7  
(c) 6 (d) 8

14.  $6 \times 12 = \underline{\hspace{2cm}}$ 

- (a) 72 (b) 62  
(c) 52 (d) 78

15.  $54 \div 6 = \underline{\hspace{2cm}}$ 

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

16.  $4 \times 7 = \underline{\hspace{2cm}}$ 

- (a) 28 (b) 38  
(c) 18 (d) 35

17.  $48 \div 8 = \underline{\hspace{2cm}}$ 

- (a) 5 (b) 7  
(c) 6 (d) 8

18.  $77 \div 11 = \underline{\hspace{2cm}}$ 

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

19.  $12 \times 3 = \underline{\hspace{2cm}}$ 

- (a) 36 (b) 46  
(c) 26 (d) 39

20.  $72 \div 8 = \underline{\hspace{2cm}}$ 

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

21.  $9 \times 7 = \underline{\hspace{2cm}}$ 

- (a) 56 (b) 53  
(c) 73 (d) 63

22.  $24 \div 4 = \underline{\hspace{2cm}}$ 

- (a) 5 (b) 6  
(c) 7 (d) 8

23. 
$$\begin{array}{r} 42 \\ \times 6 \\ \hline \hline \end{array}$$

- (a) 352 (b) 152  
(c) 252 (d) 452

24. 
$$\begin{array}{r} 94 \\ \times 8 \\ \hline \hline \end{array}$$

- (a) 722 (b) 732  
(c) 752 (d) 742

25.  $\Box \times 8 = 40$ 

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



26.  $\square \div 6 = 7$

- (a) 46 (b) 42  
(c) 45 (d) 41

27.  $\square \times 3 = 27$

- (a) 5 (b) 7  
(c) 6 (d) 9

28.  $\square \div 6 = 7$

- (a) 32 (b) 42  
(c) 48 (d) 52

29.  $8 \times \square = 72$

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

30.  $54 \div \square = 6$

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

31. Double of 37 = \_\_\_\_\_

- (a) 74 (b) 84  
(c) 64 (d) 94

32. Half of 56 = \_\_\_\_\_

- (a) 36 (b) 14  
(c) 38 (d) 28

33. Double of 46 = \_\_\_\_\_

- (a) 92 (b) 82  
(c) 72 (d) 23

34. Half of 68 = \_\_\_\_\_

- (a) 19 (b) 34  
(c) 24 (d) 29

35.  $(6 + 1) \times (2 + 3) =$  \_\_\_\_\_

- (a) 35 (b) 31  
(c) 37 (d) 39

36.  $(9 - 6) \times (6 + 2) =$  \_\_\_\_\_

- (a) 14 (b) 34  
(c) 24 (d) 29

37.  $(8 + 4) \times (6 + 6) =$  \_\_\_\_\_

- (a) 121 (b) 144  
(c) 131 (d) 141

38.  $(8 - 3) \times (9 - 2) =$  \_\_\_\_\_

- (a) 40 (b) 25  
(c) 45 (d) 35

39. [Double of 40] - 22 = \_\_\_\_\_

- (a) 58 (b) 46  
(c) 66 (d) 48

40. Double of 28 - Half of 16 = \_\_\_\_\_

- (a) 48 (b) 46  
(c) 44 (d) 50



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

- 41.** 6 hundred + 7 tens =  
\_\_\_\_\_
- (a) 570 (b) 670  
(c) 470 (d) 770
- 42.** 7 tens less than 5 hundred  
= \_\_\_\_\_
- (a) 440 (b) 330  
(c) 430 (d) 520
- 43.** 6 tens more than 6 hundred  
2 tens & 5 units = \_\_\_\_\_
- (a) 665 (b) 675  
(c) 695 (d) 685
- 44.** Which of the following is  
arranged in descending order.
- (i) 243, 643, 543, 943  
(ii) 796, 756, 736, 726  
(iii) 696, 537, 548, 384  
(iv) 739, 643, 839, 543
- (a) ii (b) iii  
(c) iv (d) i
- 45.** What is the smallest three  
digit number can be formed by  
using each digit only once.  
8, 1, 7
- (a) 718 (b) 817  
(c) 871 (d) 178
- 46.** What is the largest number  
can be formed using each digit  
only once. 8, 1, 7
- (a) 878 (b) 817  
(c) 871 (d) 781
- 47.**  $798 = 700 + \square + 8$   
The missing number in the  
box is
- (a) 90 hundred (b) 900  
(c) 9 (d) 90
- 48.** Form the largest 3 digit  
number by using following  
digits only once.  
4, 3, 1, 6, 7, 9
- (a) 974 (b) 976  
(c) 973 (d) 971
- 49.** Form the smallest 3 digit  
number by using following  
digits only once.  
8, 2, 1, 5, 7, 3
- (a) 121 (b) 125  
(c) 123 (d) 132

50.  $(32 \div 4) + 7 = \underline{\hspace{2cm}}$

- (a) 15 (b) 17  
(c) 13 (d) 19

51.  $(3 \times 8) + 13 = \underline{\hspace{2cm}}$

- (a) 35 (b) 37  
(c) 39 (d) 41

52.  $\frac{2}{7} + \square = \frac{6}{7}$

- (a)  $\frac{5}{7}$  (b)  $\frac{3}{7}$   
(c)  $\frac{2}{7}$  (d)  $\frac{4}{7}$

53.  $\frac{4}{9}$  and  $\square$  make 1 whole.

- (a)  $\frac{6}{9}$  (b)  $\frac{5}{9}$   
(c)  $\frac{4}{9}$  (d)  $\frac{8}{9}$

54. 7 & half =  $\underline{\hspace{2cm}}$  quarters

- (a) 24 (b) 29  
(c) 30 (d) 26

55.  $6\frac{3}{4} = \underline{\hspace{2cm}}$  quarters

- (a) 24 (b) 26  
(c) 28 (d) 27

56. 4 years 3 months =  $\underline{\hspace{2cm}}$  months

- (a) 66 (b) 60  
(c) 76 (d) 51

57. 8 week =  $\underline{\hspace{2cm}}$  days

- (a) 56 (b) 66  
(c) 42 (d) 32

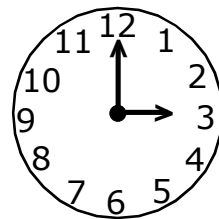
58. 6 hrs =  $\underline{\hspace{2cm}}$  min

- (a) 460 (b) 400  
(c) 360 (d) 300

59. 6 dozens =  $\underline{\hspace{2cm}}$  unit

- (a) 60 (b) 82  
(c) 72 (d) 62

60.

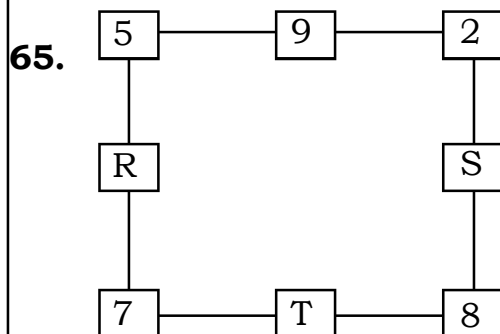


Time is  $\underline{\hspace{2cm}}$

- (a) 3: 60 hrs (b) 3: 00 hrs  
(c) 3: 12 hrs (d) 12: 15 hrs

**SECTION 3 (Mental Maths Challenge)**

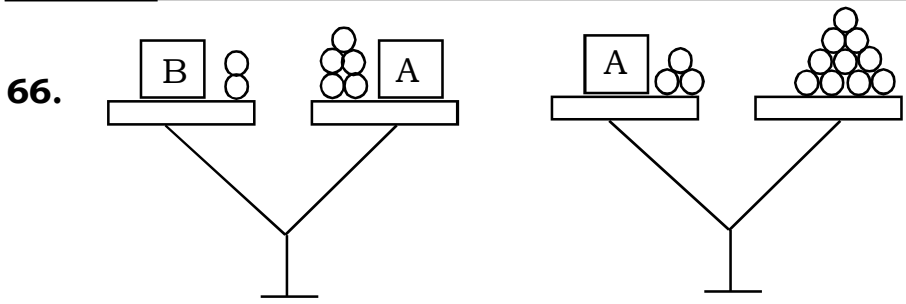
- 61.** Which of following statement is true?  
 (a)  $5 \times 7 = 5 + 5 + 5 + 5 + 5 + 5 + 5$  (b)  $6 \times 9 = 45$   
 (c)  $4 \times 6$  has same answer as  $3 \times 9$  (d)  $2 + 2 + 2 + 2 + 2 + 2 = 2 \times 7$
- 62.** Asad has 21 bricks. He places 3 bricks in each box. How many boxes are needed for all the bricks?  
 (a) 9 (b) 6 (c) 7 (d) 8
- 63.** There are 15 hens in a farm. Each hen has 4 chicks. How many chicks are there altogether?  
 (a) 60 (b) 68 (c) 58 (d) 52
- 64.** Sudha has 31 pencils. She gave them equally to a few children. Each child gets 3 pencils. How many pencils will not be given out?  
 (a) 3 (b) 1 (c) 2 (d) 4



The number on each side of a square add upto 16

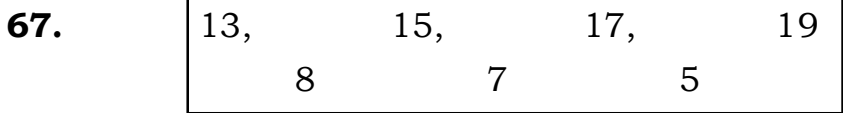
$$R + S + T = \text{-----}$$

- (a) 13 (b) 10 (c) 12 (d) 11



Weight of box B is \_\_\_\_\_ units.

- (a) 11                      (b) 9                      (c) 10                      (d) 8



Which of the following numbers add upto 18.

- (a) 13, 5                      (b) 15, 5                      (c) 13 and 8                      (d) 15 and 8

68.  $\Delta \quad \Delta \quad \Delta \quad \Delta \quad \Delta \quad \Delta \quad \Delta \quad \Delta = 72$   
 $\therefore \square \quad \square \quad \square = 24$   
 $\therefore \Delta + \square = \square$

- (a) 27                      (b) 17                      (c) 28                      (d) 25

69. Six numbers are as given below.



use each number only once.

-  = 21

Which number from given number is not used.

- (a) 29,7                      (b) 31,3                      (c) 26,5                      (d) 28,3

70. Ramesh is standing in a queue. He is 6th from the front and 9th from back. How many people are standing in the queue.

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

71. There were some eggs in a nest. A snake came along and ate 2 eggs. There are 10 eggs left. How many eggs are there in the nest at first?  
(a) 11 (b) 12 (c) 10 (d) 13
72. Sonu shared 24 cookies equally with his 2 sisters. Each of them will get \_\_\_\_\_ cookies.  
(a) 14 (b) 16 (c) 12 (d) 8
73. Out of 59 bananas Ram ate 9 bananas and his father ate 16 bananas. How many bananas were left?  
(a) 34 (b) 44 (c) 24 (d) 42
74.  $30 - 22 = \square \times 4$   
(a) 2 (b) 6 (c) 9 (d) 5
75. Look at the number bonds below.



Y is \_\_\_\_\_ more than Z.

- (a) 71 (b) 41 (c) 61 (d) 51





# MENTAL MATHS COMPETITION®

Date : \_\_\_\_\_

Name of Student in Full (IN CAPITAL LETTERS) :-

\_\_\_\_\_

Name

\_\_\_\_\_

Father's Name

\_\_\_\_\_

Surname

School Name \_\_\_\_\_

Mobile No. \_\_\_\_\_

Std. \_\_\_\_\_ Centre \_\_\_\_\_

**INSTRUCTIONS**

1. Use HB Pencil only on this sheet
2. Darken the ovals fully.
3. Erase completely to change responses.
4. Do not make any stray mark on this sheet.

For Office Use Only

**Incorrect way of shading**

A  B  C  D

A  B  C  D

A  B  C  D

**Correct way of shading**

A  B  C  D

**ANSWERS**

**Section - I**

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|---|---|
| 1. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D  | 21. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 2. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D  | 22. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 3. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D  | 23. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 4. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D  | 24. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 5. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D  | 25. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 6. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D  | 26. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 7. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D  | 27. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 8. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D  | 28. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 9. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D  | 29. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 10. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 30. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 11. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 31. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 12. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 32. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 13. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 33. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
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| 15. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 35. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 16. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 36. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 17. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 37. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
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| 19. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 39. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 20. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 40. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |

**Section - II**

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**Section - III**

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