



SECTION 1 (Mental Maths Calculation)

1. $5631 + 1342 = \underline{\hspace{2cm}}$

- (a) 6793 (b) 6937
(c) 6973 (d) 6739

2. $7321 - 4586 = \underline{\hspace{2cm}}$

- (a) 2537 (b) 2735
(c) 2573 (d) 2753

3. $7055 + 2354 = \underline{\hspace{2cm}}$

- (a) 9609 (b) 9409
(c) 9709 (d) 9509

4. $8652 - 3495 = \underline{\hspace{2cm}}$

- (a) 5175 (b) 5517
(c) 5571 (d) 5157

5. $6237 - 4295 = \underline{\hspace{2cm}}$

- (a) 1924 (b) 1942
(c) 1249 (d) 1294

6. $4815 + 2351 = \underline{\hspace{2cm}}$

- (a) 7166 (b) 7616
(c) 7661 (d) 7766

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

7.
$$\begin{array}{r} 6\ 3\ 4\ A \\ +\ 2\ 3\ 9\ 4 \\ \hline 8\ 7\ 4\ 3 \end{array}$$

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

8.
$$\begin{array}{r} 8\ 7\ 5\ 3 \\ -\ 4\ 0\ A\ 9 \\ \hline 4\ 6\ 8\ 4 \end{array}$$

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

9.
$$\begin{array}{r} 4\ 5\ 6\ 8 \\ -\ 3\ 2\ 4\ 6 \\ \hline 1\ A\ 2\ 2 \end{array}$$

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

10.
$$\begin{array}{r} 4\ 8\ 6\ 2 \\ +\ 3\ 2\ A\ 7 \\ \hline 8\ 1\ 0\ 9 \end{array}$$

- (a) 7 (b) 8
(c) 3 (d) 4

11. $451 - \square = 79$

- (a) 472 (b) 372
(c) 427 (d) 327

12. $\square + 29 = 89$

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



13. $\square - 58 = 340$

- (a) 398 (b) 400
(c) 598 (d) 499

14. $317 \times 19 =$ _____

- (a) 6320 (b) 6032
(c) 6230 (d) 6023

15. $533 \times 17 =$ _____

- (a) 9061 (b) 9016
(c) 9601 (d) 9610

16. $122 \times 37 =$ _____

- (a) 4428 (b) 4514
(c) 4468 (d) 4458

17. $135 \times 19 =$ _____

- (a) 2465 (b) 2765
(c) 2565 (d) 2265

18. $844 \times 12 =$ _____

- (a) 10182 (b) 10812
(c) 10128 (d) 10821

19. Find multiple of 18 among given options.

- (a) 162 (b) 163
(c) 166 (d) 165

20. Find multiple of 12 among given options.

- (a) 109 (b) 154
(c) 144 (d) 121

21. $136 \div 17 =$ _____

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

22. $7140 \div 85 =$ _____

- (a) 16 (b) 17
(c) 84 (d) 18

23. When 175 is divided by 15, remainder is _____

- (a) 10 (b) 20
(c) 30 (d) 15

24. When 179 is divided by 13, remainder is _____

- (a) 10 (b) 9
(c) 12 (d) 1

25. Which of following number is a multiple of both 16 & 18

- (a) 144 (b) 289
(c) 290 (d) 292

26. Which of following number is a multiple of both 15 & 25

- (a) 120 (b) 130
(c) 200 (d) 150

27. $153 \div \square = 9$

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



28. $154 \div \square = 11$

- (a) 11 (b) 14
(c) 13 (d) 15

29. $\square \div 17 = 9$

- (a) 153 (b) 120
(c) 159 (d) 137

30. $\square \div 8 = 18$

- (a) 90 (b) 162
(c) 144 (d) 108

31. $16 \times \square = 112$

- (a) 8 (b) 5
(c) 4 (d) 7

32. $(8 + 6 - 3) \times (5 + 7 + 9) =$

- _____
- (a) 251 (b) 231
(c) 261 (d) 241

33. $(4 \times 5 \times 6) - (9 \times 8 - 39) =$

- _____
- (a) 77 (b) 97
(c) 87 (d) 67

34. $(5 \times 5 \times 5) - (3 \times 3 \times 3) =$

- _____
- (a) 94 (b) 96
(c) 98 (d) 97

35. $(7 \times 7) + (8 \times 6) - (6 \times 6) =$

- _____
- (a) 59 (b) 61
(c) 63 (d) 51

36. $(9 \times 9) - (5 \times 3) + (3 \times 4) =$ _____

- (a) 76 (b) 77
(c) 78 (d) 74

37. $\frac{1}{8} \times 64 =$ _____

- (a) 7 (b) 8
(c) 9 (d) 10

38. $\frac{1}{16} \times 64 =$ _____

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

39. Double of 492 = _____

- (a) 948 (b) 978
(c) 984 (d) 987

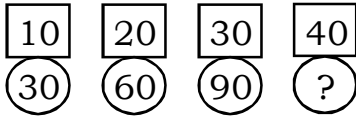
40. Half of 186 = _____

- (a) 89 (b) 93
(c) 97 (d) 83

**SECTION 2**
(Mental Maths Concepts)

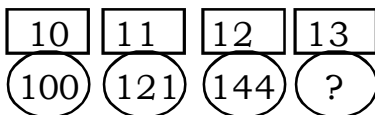
- 41.** Seven thousand forty four +
Nine hundred forty =
(a) 7584 (b) 7884
(c) 7984 (d) 7684
- 42.** Four thousand Two hundred
forty – Three hundred forty
two =
(a) 8398 (b) 3889
(c) 3898 (d) 3988
- 43.** $60 + 65 + 70 + 75 + 85 + 90$
 $+ 95 + 85 + 75 + 80 =$ _____
(a) 980 (b) 780
(c) 880 (d) 580
- 44.** The difference between
 (9×9) and (7×8) is _____
(a) 35 (b) 25
(c) 45 (d) 55
- 45.** The sum of (8×7) and
 (5×5) is _____
(a) 81 (b) 82
(c) 84 (d) 83
- 46.** $(90 \text{ less than } 350) +$
 $(40 \text{ more than } 260) =$ _____
(a) 570 (b) 550
(c) 560 (d) 580
- 47.** $(70 \text{ more than } 800) -$
 $(50 \text{ less than } 600) =$ _____
(a) 280 (b) 420
(c) 320 (d) 120
- 48.** $(9 + 4) \times (8 - 2) =$ _____
(a) 77 (b) 87
(c) 88 (d) 78
- 49.** $(10 + 3) \times (8 - 3) =$ _____
(a) 75 (b) 85
(c) 65 (d) 95
- 50.** $(6 \times 6) \div (3 \times 3) =$ _____
(a) 6 (b) 4
(c) 8 (d) 2
- 51.** 27th even number after 175
is _____
(a) 228 (b) 248
(c) 238 (d) 258
- 52.** 19th odd number after 289
is _____
(a) 329 (b) 323
(c) 327 (d) 343

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



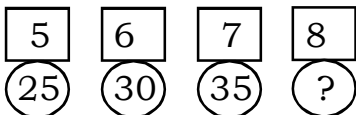
- (a) 140 (b) 150
(c) 120 (d) 160

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



- (a) 196 (b) 225
(c) 169 (d) 256

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



- (a) 40 (b) 45
(c) 55 (d) 60

- 56.** 4 weeks + 7 days = _____ days

- (a) 39 days (b) 35 days
(c) 38 days (d) 36 days

- 57.** $4\frac{1}{3}$ year = _____ months

- (a) 42 (b) 52
(c) 44 (d) 48

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

- (a) 26 (b) 29
(c) 27 (d) 31

- 59.** $8\frac{1}{4} - 7\frac{1}{2} =$ quarters

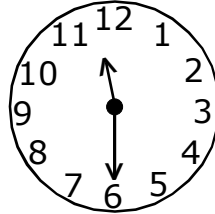
- (a) 3 (b) 5
(c) 4 (d) 2

- 60.** How many days are together is Nov, Dec and Jan?

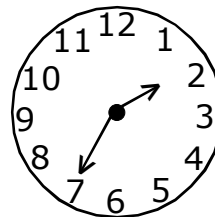
- (a) 93 (b) 92
(c) 94 (d) 95

SECTION 3 (Mental Maths Challenge)



61. The train starts from C.S.T. at



It reached to the Kalyan stop at



How much time train has taken to reach Kalyan?

- (a) 2 hrs 5 min (b) 1 hr 5 min
 (c) 1 hr 35 min (d) 1 hr 30 min
62. Vidhi is 5 years old now. Six years ago, her brother was 8 years old. What is their total age now?
 (a) 14 yrs (b) 15 yrs (c) 19 yrs (d) 17 yrs
63. When the number is added to itself, the result is 3 more than 93. Find the number?
 (a) 46 (b) 47 (c) 57 (d) 48
64. Add 60 to itself. 10 less than the answer is _____
 (a) 110 (b) 106 (c) 108 (d) 109
65.  is between 85 and 87. _____ and  make 10 tens.
 (a) 14 (b) 16 (c) 18 (d) 20



66. Choose false statements

(i) $7 + 3 < 15 + 2$

(ii) $15 - 7 = 4 + 4$

(iii) $20 + 5 > 45 - 10$

(iv) $15 + 20 = 45 - 10$

(a) iii

(b) i

(c) ii

(d) iv

67. If 21st Jan 2008 falls of Sunday then 17th March 2008 falls on _____

(a) Tuesday

(b) Monday

(c) Saturday

(d) Sunday

68. Which of the following is **not** greater than 61?

(a) 5 tens + 9 ones

(b) 7 tens + 2 ones

(c) 6 tens + 5 ones

(d) 5 tens + 17 ones

69. Box A is the heaviest. Box B is lighter than Box C.

Box D is heavier than Box C. If the boxes are arranged in order.

Such that the heaviest is at the bottom and lightest is at the top.

Box _____ is the 3rd from bottom.

(a) A

(b) C

(c) D

(d) B

70. There are 160 chairs in a school hall, Mr. Rao takes 38 of them away.

The clerk brings in 75 more chairs. How many chairs are there now?

(a) 197

(b) 187

(c) 177

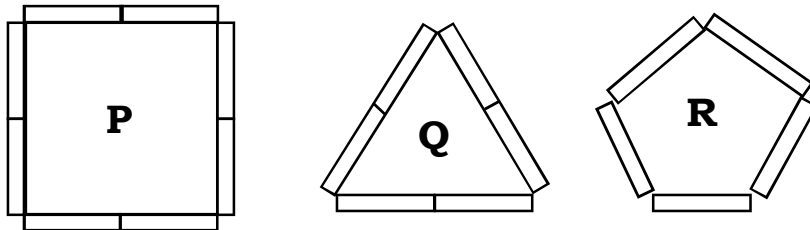
(d) 167

71. Write the missing number in the box.

$$\begin{array}{rclcl} \text{●} + \triangle + \star & = & 80 & \text{If } \star = 5 \\ \triangle + \triangle + \star & = & 65 \\ \text{●} - \triangle & = & \boxed{?} \end{array}$$

- (a) 15 (b) 20 (c) 25 (d) 12

72. A box of matches is used to form the following figures.



Fanny forms 4 Figure P and Jane forms 7 figure Q using all their matches.

How many matches does they use altogether?

- (a) 78 (b) 76 (c) 75 (d) 74

73. Miss Radha had 54 flowers. She sold them in bunches of 8. If she sold all of the bunches, how many flowers were left?

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

74. Viraj bought 4 books. Each book cost ₹ 70. If he had ₹ 750 at first how much money had he left?

- (a) 360 (b) 400 (c) 470 (d) 350

75. Choose correct statements

- (i) $800 + 60 + 5 = 865$ (ii) $700 + 80 + 10 = 795$
 (iii) $500 + 30 + 10 = 545$ (iv) $600 + 40 + 25 = 670$
 (a) i (b) ii (c) iii (d) iv



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 |
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| 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 |
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| 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 |
| 14. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 34. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 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 |
| 18. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 38. <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 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 |
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Section - II

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Section - III

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