

**TEST II
NUMERICAL ABILITY**

51-75. What will come in place of the question mark (?) in the following questions?

51. $\frac{1}{2}$ of $\frac{1}{5}$ th of $\frac{1}{4}$ th of 4500 = ?

- (1) 118.3 (2) 117.5
(3) 110.3 (4) 116.5
(5) None of these

52. $0.2 \times 222 \div 20 \times 12 = ?$

- (1) 26.64 (2) 28.36
(3) 24.88 (4) 22.62
(5) None of these

53. $(82 + 78) \times (0.5 + 0.8) = ?$

- (1) 209 (2) 205
(3) 206 (4) 208
(5) None of these

54. 24% of 40% of $\frac{3}{4}$ th of 12000 = ?

- (1) 868 (2) 864
(3) 865 (4) 862
(5) None of these

55. $3434 + 7979 - 2323 = ?$

- (1) 9191 (2) 9190
(3) 9091 (4) 9099
(5) None of these

56. 42% of ? + 18% of 400 = 219

- (1) 370 (2) 360
(3) 350 (4) 340
(5) None of these

57. $4096 \times (16)^3 \div 16 = (4)^? \times 64$

- (1) 8 (2) 6
(3) 7 (4) 10
(5) None of these

58. $18 \times 15 \times ? = 6210$

- (1) 21 (2) 23

(3) 27 (4) 25

(5) None of these

59. $32.97 + 45.33 + 17.27 = ?$

- (1) 95.54 (2) 98.33
(3) 91.62 (4) 93.84
(5) None of these

60. $45 \times 253 - 782 = ?$

- (1) 10602 (2) 10605
(3) 10607 (4) 10603
(5) None of these

61. $\frac{12}{19} \times \frac{76}{81} \times \frac{3}{8} = ?$

(1) $\frac{4}{9}$ (2) $\frac{2}{7}$ (3) $\frac{4}{7}$

(4) $\frac{2}{9}$ (5) None of these

62. $\sqrt{450+890+685} = ?$

- (1) 43 (2) 45
(3) 55 (4) 53
(5) None of these

63. $23578 + 33872 + 17193 - 52559 = ?$

- (1) 22088 (2) 22086
(3) 22082 (4) 22084
(5) None of these

64. $\sqrt{225} + \sqrt{2304} = ? - (12)^2$

- (1) 205 (2) 207
(3) 206 (4) 208
(5) None of these

65. $892.33 + 212.87 + 456.99 = ?$

- (1) 1568.23 (2) 1566.99
(3) 1564.73 (4) 1561.19
(5) None of these

66. $\frac{3}{8} + \frac{7}{8} - \frac{5}{12} = ?$

(1) $\frac{3}{5}$ (2) $\frac{7}{6}$ (3) $\frac{5}{6}$



- (4) $\frac{5}{7}$ (5) None of these
67. $36 \times \frac{7}{12} = ?$
 (1) 23 (2) 25
 (3) 21 (4) 27
 (5) None of these
68. $8888 \div 8 + 2332 \div 2 = ?$
 (1) 2727 (2) 2772
 (3) 2777 (4) 272
 (5) None of these
69. $(15)^2 + (12)2 - (18)2 = ?$
 (1) 42 (2) 43
 (3) 48 (4) 49
 (5) None of these
70. $\frac{3}{4}$ th of 46% of 400 - 12 = ?
 (1) 126 (2) 128
 (3) 124 (4) 122
 (5) None of these
71. $\sqrt{23409} = ?$
 (1) 157 (2) 163
 (3) 165 (4) 153
 (5) None of these
72. $\sqrt[3]{6859} = ? - 4$
 (1) 26 (2) 25
 (3) 23 (4) 22
 (5) None of these
73. $86 \times 5.6 \times 0.3 = ?$
 (1) 144.48 (2) 149.34
 (3) 145.26 (4) 146.76
 (5) None of these
74. $3.44 + 5.22 + 7.23 + 5.24 = ?$
 (1) 23.24 (2) 21.13
 (3) 25.57 (4) 20.05
 (5) None of these
75. $45698 - 23367 + 43237 = ?$
 (1) 65568 (2) 65586
 (3) 65569 (4) 65589
 (5) None of these
76. Find the average of the following set of scores:
 556, 224, 778, 442, 336, 112
 (1) 405 (2) 408
 (3) 402 (4) 400
 (5) None of these
77. In how many different ways can the letters of the word 'BOUNTY' be arranged?
 (1) 720 (2) 120
 (3) 5040 (4) 740
 (5) None of these
78. What is the least number than can be added to 4700 to make it a perfect square?
 (1) 65 (2) 66
 (3) 63 (4) 64
 (5) None of these
79. If the following fractions are arranged in a descending order (from left to right), which of them will be second from the left end?
 $\frac{4}{7}, \frac{7}{9}, \frac{1}{5}, \frac{8}{11}, \frac{2}{9}$
 (1) $\frac{2}{9}$ (2) $\frac{4}{7}$ (3) $\frac{7}{9}$
 (4) $\frac{8}{11}$ (5) $\frac{1}{5}$
80. Manjeet spent 12% of bills, 22% on rent and 28% on shopping. $\frac{1}{4}$ th the remaining amount is Rs. 3,610/-. How much did he spend on bills?
 (1) Rs. 4,580/- (2) Rs. 4,530/-
 (3) Rs. 4,520/- (4) Rs. 4,560/-
 (5) None of these



81. The side of a square is twice the radius of a circle. The area of the square is 9604 sq.cms. What is the area of the circle?
 (1) 7545 sq. cms (2) 7543 sq. cms
 (3) 7548 sq. cms (4) 7549 sq. cms
 (5) None of these
82. Four years ago the ratio between the ages of Suresh and Deena was 5 : 3 respectively. The ratio between their present ages is 11 : 7 respectively. What will be Deena's age 3 years hence?
 (1) 34 years (2) 29 years
 (3) 33 years (4) 31 years
 (5) None of these
83. 35% of a number is 182. What is 130% of that number?
 (1) 676 (2) 667
 (3) 673 (4) 663
 (5) None of these
84. What will be the compound interest accrued on a principle amount of Rs. 12000/- at the rate of 4 p.c.p.a after a period of 2 years?
 (1) Rs. 971.5 (2) Rs. 973.4
 (3) Rs. 979.2 (4) Rs. 975.9
 (5) None of these
85. A truck covers 448 kms in 8 hours. The average speed of a bicycle $\frac{1}{4}$ th the average speed of the truck. How much distance will the bicycle cover in 7 hours?
 (1) 92 kms (2) 98 kms
 (3) 95 kms (4) 96 kms
 (5) None of these
86. Bina scored 110 marks in English, 135 marks in Science, 140 marks in Mathematics, 120 marks in Hindi and 115 marks in Social studies. The maximum marks a student can score in each subject is 150. How much approximate percentage did Bina get in this exam?
 (1) 83 (2) 89
 (3) 72 (4) 95
 (5) None of these
87. The average of five number is 40.8. The average of the first and the second number is 46. The average of the fourth and the fifth number is 37. What is the third number?
 (1) 36 (2) 34
 (3) 38 (4) 32
 (5) None of these
-
- 88-90. The following questions are based on the given information.
-
- A publisher published 3400 copies of a book. 28% of the total copies were sold in city A. 32% of the total copies were sold in city B. 22% of the total copies were sold in city C. The remaining copies are yet to be sold.
88. What is the difference between the number of copies sold in city A and city C?
 (1) 210 (2) 202
 (3) 200 (4) 208
 (5) None of these
89. How many copies were sold in city B and city C together?
 (1) 1833 (2) 1838
 (3) 1836 (4) 1832
 (5) None of these
90. How many copies are yet to be sold?
 (1) 614 (2) 612
 (3) 616 (4) 618
 (5) None of these
-
- 91-95. What approximate value should come in place of the question mark (?) in the following questions?
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(Note: You are not expected to calculate the exact value.)

91. $0.501 \times 10.011 \times 52.83 = ?$

- (1) 205 (2) 225
(3) 245 (4) 285
(5) 265

92. $2534 \div 23 = ?$

- (1) 10 (2) 210
(3) 150 (4) 60
(5) 110

93. $\sqrt{4590} = ?$

- (1) 38 (2) 18
(3) 68 (4) 84
(5) 98

94. $16.002 \times 14.897 \times 20.334 = ?$

- (1) 4100 (2) 4300
(3) 4500 (4) 4800
(5) 5100

95. $4005.33 \div 19.89 \times 1.9 = ?$

- (1) 470 (2) 300
(3) 400 (4) 370
(5) 500

(3) 144

(5) 146

100. 53 318 1590

(1) 38165

(3) 38160

(5) 38106

(4) 150

6360 19080 ?

(2) 38170

(4) 38175

96-100. What should come in place of t question mark (?) in the following number serie

96. 17 18 22 31 47 ?

- (1) 72 (2) 77
(3) 83 (4) 68
(5) 65

97. 13 14 17 22 29 ?

- (1) 33 (2) 35
(3) 36 (4) 38
(5) 37

98. 6 8 4 12 -4 ?

- (1) 28 (2) -26
(3) 24 (4) -22
(5) 32

99. 222 198 178 162 150 ?

- (1) 148 (2) 142



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