

Part II (Numerical Ability)

Directions (51-75): What should come in place of question mark (?) in the following questions ?

51. $832.456 - 539.982 - 123.321 = ?$

- (1) 196.153
- (2) 149.153
- (3) 169.153
- (4) 176.135
- (5) None of these

52. $? \times 19 = 7828$

- (1) 411
- (2) 412
- (3) 413
- (4) 414
- (5) 415

53. $236.69 + 356.74 = 393.39 + ?$

- (1) 200.04
- (2) 201.04
- (3) 200.14
- (4) 202.14
- (5) 203.04

54. $734 \div ? = 91.75$

- (1) 8
- (2) 6

(3) 4

(4) 10

(5) None of these

55. $x (35 \times 15 \times 10) / (25 \times 2) = ?$

(1) 105

(2) 115

(3) 70

(4) 35

(5) None of these

56. $5938+4456+2891 = ?$

(1) 15255

(2) 14285

(3) 13285

(4) 12385

(5) None of these

57. $859.05 + 428.89+663.17=?$

(1) 1585.91

(2) 1286.94

(3) 1950.02

(4) 1950.11

(5) 1951.01

58. $434 \times 645=?$

(1) 27840

(2) 297930

(3) 279903

(4) 279930

(5) None of these

59. $7 \times ? = 29.05$

(1) 4.05

(2) 4.15

(3) 3.95

(4) 4.28

(5) None of these

60. $725 / 25 - 13 = ?$

(1) 16

(2) 29

(3) 12

(4) 18

(5) None of these

61. $(558 \times 45) / (18 \times 45) = ?$

(1) 314

(2) 313

(3) 312

(4) 311

(5) None of these

62. $806 / 26 = ?$

(1) 30

(2) 32

(3) 34

(4) 36

(5) None of these

63. $559 + 995 = ? \times 16$

(1) 92.05

(2) 95.25

(3) 93.15

(4) 94.35

(5) None of these

64. $((337 + 146) \times 8) = ?$

(1) 3884

(2) 1515

(3) 3864

(4) 1505

(5) 3846

65. $7\frac{3}{4} + 5\frac{1}{4} + 8\frac{1}{2} = ?$

(1) $20\frac{1}{4}$

(2) $21\frac{1}{2}$

(3) $21\frac{3}{4}$

(4) $21\frac{3}{4}$

(5) $20\frac{3}{4}$

66. $4758 - 2782 - 1430 = ?$

(1) 356

(2) 396

(3) 486

(4) 546

(5) None of these

67. $9.1 \times 7.5 \times 6.2 = ?$

(1) 423.25

(2) 68.25

(3) 593.775

(4) 472.5

(5) None of these

68. $\sqrt{441} + \sqrt{676} = ?$

(1) 43

(2) 45

(3) 47

(4) 49

(5) 51

69. $49 + \sqrt{?} = 87$

(1) 1444

(2) 1442

(3) 1448

(4) 1456

(5) 1460

70. $\frac{(8)^2+164+4}{14} = ?$

(1) 25

(2) 64

(3) 8

(4) 7.5

(5) None of these

71. $248 \text{ of } \frac{7}{8} + 110 \text{ of } 20\% = ?$

(1) 192

(2) 202

(3) 212

(4) 239

(5) 242

72. $\frac{2}{5} + \frac{10}{13} + \frac{7}{13} = ?$

(1) $2\frac{23}{65}$

(2) $1\frac{46}{65}$

(3) $2\frac{10}{13}$

(4) $\frac{46}{65}$

(5) $1\frac{10}{13}$

73. $\sqrt{?} - 17 = 22$

(1) 1511

(2) 1531

(3) 1515

(4) 1553

(5) 1521

74. $484 \text{ of } \frac{3}{4} + 366 \text{ of } \frac{5}{6} = ?$

(1) 663

(2) 844

(3) 668

(4) 848

(5) 666

75. $280\% \text{ of } 460 = ?$

(1) 1188

(2) 1284

(3) 1288

(4) 1280

(5) None of these

76. Which of the following is equal to 30×246 ?

(1) $118 \times 13 + 209 \times 42$

(2) $174 \times 10 + 222 \times 19$

(3) $173 \times 12 + 221 \times 24$

(4) $169 \times 16 + 167 \times 50$

(5) None of these

77. The cost of 9 kgs. of sugar is Rs. 279. What is the cost of 153 kgs. of sugar?

(1) Rs. 3.377

(2) Rs. 4.473

(3) Rs. 4.377

(4) Rs. 4.743

(5) Rs. 4.347

78. A bus travels at the speed of 49 kmph. and reaches its destination in 7 hours. What is the distance covered by the bus?

(1) 343 km

(2) 283 km

(3) 353 km

(4) 245 km

(5) 340 km

79. $\frac{1}{4}$ th of $\frac{2}{5}$ th of a number is 82. What is the number?

(1) 410

(2) 820

(3) 420

(4) 220

(5) None of these

80. What is the least number to be added to 1500 to make it a perfect square?

(1) 20

(2) 21

(3) 22

(4) 23

(5) None of these

81. The sum of three consecutive integers is 39. Which of the following is the largest among the three?

(1) 12

(2) 15

(3) 13

(4) 16

(5) None of these

82. Find the average of the following set of scores:

118, 186, 138, 204, 175, 229

(1) 148

(2) 152

(3) 156

(4) 160

(5) 175

83. A banana costs Rs. 2.25 and an apple costs Rs. 3.00. What will be the total cost of 4 dozen of bananas and 3 dozen of apples?

(1) Rs. 216

(2) Rs.108

(3) Rs. 189

(4) Rs. 225

(5) Rs. 162

84. How many pieces of 8.6 metres long cloth can be cut out of a length of 455.8 metres cloth?

(1) 43

(2) 48

(3) 55

(4) 53

(5) 62

85. The product of two successive numbers is 3192. What is the smallest number?

(1) 59

(2) 58

(3) 57

(4) 56

(5) None of these

86. What is 184 times 156?

(1) 28704

(2) 29704

(3) 30604

(4) 27604

(5) None of these

87. What approximate value should come in place of the question mark (?) in the following question?

$$5989 \div 48 \approx ?$$

(1) 1375

(2) 1370

(3) 1372

(4) 1368

(5) 1365

88. If an amount of Rs. 15,487 is divided equally among 76 students, approximately how much amount will each student get?

(1) Rs. 206

(2) Rs. 210

(3) Rs. 204

(4) Rs. 218

(5) Rs. 212

89. What should come in place of the question mark (?) in the following number series?

6417 5704 4991 4278 3565 2852 ?

(1) 2408

(2) 2426

(3) 7310

(4) 7130

(5) 2139

90. Rinku and Pooja started a business initially with Rs. 5,100 and Rs. 6,600 respectively. If the total profit is Rs. 2,730 what is Rinku's share in the profit?

(1) Rs. 1,530

(2) Rs. 1,540

(3) Rs. 1,200

(4) Rs. 1,180

(5) None of these

91. 25% of the total cost of a plot of area 280 sq. feet is Rs. 1,32,370. What is the rate per sq. ft. of the plot?

(1) Rs. 2,091

(2) Rs. 1,981

- (3) Rs. 1,991
- (4) Rs. 1,891
- (5) None of these

92. If the difference between a number and one fifth of it is 84, what is the number?

- (1) 95
- (2) 100
- (3) 105
- (4) 108
- (5) 112

93. The respective ratio of the ages of Richa and Shelly is 5: 8. The ratio of their ages 10 years hence would be 7: 10 respectively. What is the present age of Shelly?

- (1) 45 years
- (2) 40 years
- (3) 35 years
- (4) 30 years
- (5) 25 years

94. A student scores 64% marks in 6 papers of 150 marks each. He scores 25% of his total obtained marks in Hindi and English together. How much is his total score for both these papers?

- (1) 120
- (2) 124
- (3) 140
- (4) 144
- (5) 150

95. When the original price of toy was increased by 25%, the price of one dozen toys was Rs. 300. What was the original price of one toy?

(1) Rs. 24

(2) Rs. 29

(3) Rs. 30

(4) Rs. 15

(5) Rs. 20

96. If $3x + 5y = 44$ and $10x - 2y = 16$, what is the value of x ?

(1) 7

(2) 3

(3) 5.5

(4) 6.5

(5) None of these

97. 15 persons complete a job in 3 days. How many days will 10 persons take to complete the same job?

(1) 2

(2) 5

(3) $2\frac{2}{3}$

(4) $3\frac{1}{4}$

(5) $4\frac{1}{2}$

98. The owner of an electronics shop charges his customer 25% more than the cost price. If a customer paid Rs. 11,500 for a television set, then what was the cost price of the television set?

(1) Rs. 9,200

(2) Rs. 7,200

(3) Rs. 8,600

(4) Rs. 9,800

(5) Rs. 10,000

99. Sumit obtained a total of 1012 marks out of 1150 in an examination. What is his percentage in the examination?

(1) 86

(2) 88

(3) 84

(4) 90

(5) None of these

100. What should replace both the question marks in the following equation?

$$\frac{?}{84} = \frac{180}{?}$$

(1) 126

(2) 124

(3) 130

(4) 132

(5) 136

ANSWERS

51. (3), 52. (2), 53. (1), 54. (1), 55. (1), 56. (3), 57. (4), 58. (4), 59. (2), 60. (1)
61. (5), 62. (5), 63. (2), 64. (3), 65. (2), 66. (4), 67. (1), 68. (3), 69. (1), 70. (4)
71. (4), 72. (2), 73. (5), 74. (3), 75. (3), 76. (3), 77. (4), 78. (1), 79. (2), 80. (2)
81. (5), 82. (5), 83. (1), 84. (4), 85. (4), 86. (1), 87. (3), 88. (3), 89. (5), 90. (5)
91. (4), 92. (3), 93. (2), 94. (4), 95. (5), 96. (2), 97. (5), 98. (1), 99. (2), 100. (1)