Test-III : Quantitative Aptitude

Directions (Q. 81-95): **What value should come in the place of question mark(?) in the following questions?**

81. $3.3 + 13.33 + 31.13 + 13.31 + 1.3 = ?$

1) 64.31 2) 62.37 3) 64.47
4) 62.17 5) None of these

82. $(16)^2 + (21)^2 - (13)^2 + ? = (25)^2$

1) 67 2) 32 3) 81
4) 97 5) none of these

83. $47 + 345 \div 15 \times 2 = ?$

1) 68 2) 93 3) 59
4) 71 5) None of these

84. 73% of 5800 – 69% of 240 = ?

1) 4608.3 2) 4210.8 3) 4008.4
4) 4680.4 5) None of these

85. $\left(\frac{17}{119} \times \frac{98}{14}\right)^2 = ?$

1) 5 2) 7 3) 3
4) 9 5) None of these

86. $3.2 \times 2.1 \times 1.6 = ?$

1) 12.732 2) 10.752 3) 17.520
4) 15.270 5) None of these

87. $\frac{7}{4}$ of $\frac{2}{28}$ of $\frac{8}{9}$ of 567 = ?

1) 76 2) 91 3) 63
4) 82 5) None of these

88. $65 \times 15 \div ? = 195$

1) 5 2) 2 3) 1
4) 6 5) None of these

89. 204% of ? = 1848.24

1) 517 2) 784 3) 321
4) 906 5) None of these

90. $9786 - 4321 + 5053 = ? - 3727$

1) 14245 2) 14524 3) 14452

4) 14254 5) None of these

91. $\frac{17}{24} \div \frac{68}{24} \times \frac{380}{95} = (?)^2$

1) 4 2) 8 3) 6

4) 9 5) None of these

92. $\sqrt{324} + \sqrt{1296} = ?$

1) 52 2 44 3) 54

4) 42 5) None of these

93. $23 + 636 \div 12 - 14 = ?$

1) 41 2) 53 3) 62

4) 78 5) None of these

94. $\frac{9}{5}$ of $\frac{265}{513}$ of ? = 159

1) 171 2) 198 3) 215

4) 143 5) None of these

95. $6.5 \div 0.5 \times 2 - 4 = ?$

1) 31 2) 19 3) 22

4) 27 5) None of these

96. At what rate of simple interest will ₹ 4800 amount of ₹ 6480 in a span of 7 years?

1) 5 2) 6 3) 3

4) 4 5) None of these

97. How much will a sum of ₹6,300 amount to in a span of 2 years, at 5 pcpa rate of compound interest (rounded off to the nearest integer)?

1) ₹ 6946 2) ₹ 6876 3) ₹ 6521

4) ₹ 6790 5) ₹ 6492

98. In how many different ways can the letters of the word BAKERY be arranged?

1) 2400 2) 2005 3) 720

4) 5040 5) None of these

99. What will be the average of the following set of scores (rounded off to the nearest integer)?

62, 76, 42, 84, 21, 47, 28

1) 57 2) 54 3) 51

4) 62 5) 66

100. The product of three consecutive numbers is 3360. What is the least number?

1) 17 2) 14 3) 13

4) 16 5) None of these

101. The area of circle is 2464 square meters. What will its circumference be?

1) 132 meters 2) 176 meters 3) 232 meters

4) 272 meters 5) 109 meters

102. The cost of 24 pens and 13 pencils is ₹ 175. What is the cost of 48 pens and 26 pencils?

1) ₹ 435 2) ₹ 705 3) ₹ 290

4) ₹ 350 4) None of these

Directions (Q. 103-105): **Study the following information and answer the questions that follow:**

A sum of ₹ 10,980 is to be divided amongst A, B and C in the ratio 7 : 3 : 5

103. What is C's share?

1) ₹ 3,600 2) ₹ 3,006 3) ₹ 3,060

4) ₹ 3,660 4) ₹ 3,124

104. What is the sum of B's and C's share?

1) ₹ 5,685 2) ₹ 5,865 3) ₹ 5,897

4) ₹ 5,873 5) ₹ 5,856

105. What is the difference between A's and B's share?

1) ₹ 2,196 2) ₹ 2,928 3) ₹ 2,961

4) ₹ 2,289 5) ₹ 2,982

106. If the perimeter of a rectangle is 138 metres and the difference between the length and the breadth is 7 metres, what is the area of the rectangle?

1) 1216 square meters 2) 1147 square metres

3) 1184 square metres 4) 1178 square metres

5) None of these

Directins (q. 107-111): **What should come in place of question mark(?) in the following number series?**

107. 7, 17, 54, ?, 1098, 6591

1) 204 2) 212 3) 223

4) 219 5 None of these

108. 55, 109, ? 433, 865, 1729

1) 279 2) 372 3) 217

4) 318 5) None of these

109. 19, 38, ?, 228, 684, 1368

1) 106 2) 114 3) 121

4) 98 5) None of these

110. 87, 89, 95, 107, ?, 157

1) 127 2) 122 3) 139

4) 140 5) None of these

111. 474, 459, 429, 369, 249, ?

1) 9 2) 0 3) 4

4) 11 5) None of these

112. 10 years ago, the ages of A and B were in the ratio of 13 : 17. 17 years from now the ratio of their ages will be 10 : 11. What is the age of B at present?

1) 23 years 2) 40 years 3) 27 years

4) 44 years 5) None of these

Directions (Q. 113-117): **Study the following table and answer the questions that follow:**

The table represents the total sales value (in lakhs) of five books, P, Q, R, S and T across eight book stores, A, B, C, D, E, F, G and H.

Books	Book stores							
	A	B	C	D	E	F	G	H
P	560	590	210	670	560	680	420	460
Q	550	560	890	230	820	610	520	230
R	450	290	540	530	500	520	560	410
S	230	240	560	400	430	200	210	480
T	230	400	410	240	200	360	500	470

113. What is the ratio the total sales values of Book P across all the bookstores and Book S across all the bookstores?

1) 83 : 55 2) 85 : 53 3) 83 :53
4) 89 : 55 5) None of these

114. The sale of the book R from Bookstore H is what per cent of the total sale of Book R across all the bookstores (rounded off to two places after the decimal)?

1) 21.12 2) 17.19 3) 7.43
4) 3.04 5) 10.79

115. What is the average sale (in lakh) of Bookstore E?

1) 502 2) 504 3) 512
4) 540 5) None of these

116. Book Q constituted **approximately** what per cent of the total sales of Bookstore C?

1) 34 2) 39 3) 32
4) 23 5) 28

117. What is the total sales value (in lakh) of Bookstore D?

1) 2510 2) 2670 3) 2900
4) 2070 5) None of these

118. The cost price of an article is ₹480. If it is to be sold at a profit of 6.25 per cent, what would its selling price be?

1) ₹510 2) ₹530 3) ₹503
4) ₹519 5) None of these

119. 13 articles were bought for ₹5,980 and sold for ₹6,656. What was the **approximate** profit percentage per article?

1) 15% 2) 11% 3) 9%
4) 19% 5) 13%

120. A and B together can complete a particular task in 4 days. If A alone can complete the same task in 6 days, how many days will B take to complete the task if he works alone?

1) 8 2) 7 3) 14
4) 12 5) None of these