

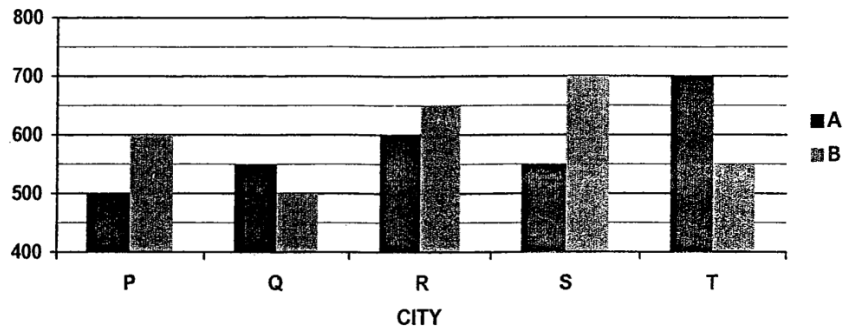
**TEST III**  
**QUANTITATIVE APTITUDE**

- Q.81-95.** What value should come in the place of question mark (?) in the following questions ?
- Q.81.**  $3.6 + 36.6 + 3.66 + 0.36 + 3.0 = ?$   
(1) 44.22      (2) 77.22      (3) 74.22      (4) 47.22      (5) None of these
- Q.82.**  $23 \times 45 + 15 = ?$   
(1) 69      (2) 65      (3) 63      (4) 71      (5) None of these
- Q.83.**  $4\frac{5}{6} + 7\frac{1}{2} - 5\frac{8}{11} = ?$   
(1)  $2\frac{10}{33}$       (2)  $6\frac{20}{33}$       (3)  $2\frac{20}{33}$       (4)  $6\frac{10}{33}$       (5) None of these
- Q.84.**  $\frac{210}{14} \times \frac{17}{15} \times ? = 4046$   
(1) 202      (2) 218      (3) 233      (4) 227      (5) None of these
- Q.85.** 83% of 2350 = ?  
(1) 1509.5      (2) 1950.5      (3) 1905.5      (4) 1590.5      (5) None of these
- Q.86.**  $\sqrt{1089} + 3 = (?)^2$   
(1) 5      (2) 6      (3) 3      (4) 8      (5) 4
- Q.87.**  $96 + 32 \times 5 - 31 = ?$   
(1) 223      (2) 225      (3) 229      (4) 221      (5) None of these
- Q.88.**  $? + 36 = (7)^2 - 8$   
(1) 1426      (2) 1449      (3) 1463      (4) 1476      (5) None of these
- Q.89.**  $\sqrt{8281} = ?$   
(1) 89      (2) 97      (3) 93      (4) 91      (5) 83
- Q.90.**  $(63)^2 - (12)^2 = ?$   
(1) 3528      (2) 3852      (3) 3582      (4) 3825      (5) None of these
- Q.91.**  $1\frac{4}{5} + 3\frac{3}{5} = ? - 4\frac{3}{10}$   
(1)  $9\frac{7}{10}$       (2)  $7\frac{7}{10}$       (3)  $9\frac{3}{10}$       (4)  $7\frac{9}{10}$       (5) None of these
- Q.92.**  $17 \times 19 \times 4 + ? = 161.5$   
(1) 8      (2) 6      (3) 7      (4) 9      (5) None of these
- Q.93.**  $1798 + 31 \times ? = 348$   
(1) 3      (2) 6      (3) 4      (4) 5      (5) None of these

- Q.94.**  $(9.8 \times 2.3 + 4.46) \div 3 = (3)^?$   
 (1) 3 (2) 9 (3) 5 (4) 2 (5) None of these
- Q.95.**  $43\% \text{ of } 600 + ?\% \text{ of } 300 = 399$   
 (1) 45 (2) 41 (3) 42 (4) 47 (5) None of these
- Q.96.** What will be the compound interest on a sum of ₹ 7500/- at 4 p.c.p.a. in 2 years ?  
 (1) ₹ 618/- (2) ₹ 612/- (3) ₹ 624/- (4) ₹ 606/- (5) ₹ 621/-
- Q.97.** In how many different ways can the letters of the word 'CREAM' be arranged ?  
 (1) 720 (2) 240 (3) 360 (4) 504 (5) None of these
- Q.98.** The circumference of a circle is 792 meters. What will be its radius ?  
 (1) 120 meters (2) 133 meters (3) 145 meters (4) 136 meters (5) None of these
- Q.99.** Cost of 36 pens and 42 pencils is ₹ 460/-. What is the cost of 18 pens and 21 pencils ?  
 (1) ₹ 230/- (2) ₹ 203/- (3) ₹ 302/- (4) ₹ 320/- (5) None of these
- Q.100.** The ratio of the ages of A and B seven years ago was 3 : 4 respectively. The ratio of their ages nine years from now will be 7 : 8 respectively. What is B's age at present ?  
 (1) 16 years (2) 19 years (3) 28 years (4) 23 years (5) None of these
- Q.101.** In how many years will ₹ 4600 amount to ₹ 5428 at 3 p.c.p.a simple interest ?  
 (1) 3 (2) 5 (3) 6 (4) 4 (5) None of these
- Q.102.** What will be the average of the followings set of scores ?  
 59, 84, 44, 98, 30, 40, 58  
 (1) 62 (2) 66 (3) 75 (4) 52 (5) 59
- Q.103.** The sum of three consecutive odd numbers is 1383. What is the largest number ?  
 (1) 463 (2) 459 (3) 457 (4) 461 (5) None of these
- Q.104-106.** Study the information given below and answer the questions that follow :
- An article was bought for ₹ 5600. Its price was marked up by 12%. Thereafter it was sold at a discount of 5% on the marked price.
- Q.104.** What was the marked price of the article ?  
 (1) ₹ 6207/- (2) ₹ 6242/- (3) ₹ 6292/- (4) ₹ 6192/- (5) ₹ 6272/-
- Q.105.** What was the percent profit on the transaction ?  
 (1) 6.8% (2) 6.3% (3) 6.4% (4) 6.6% (5) 6.2%
- Q.106.** What was the amount of discount given ?  
 (1) ₹ 319.6 (2) ₹ 303.6 (3) ₹ 306.3 (4) ₹ 318.6 (5) ₹ 316.9
- Q.107.** The area of a rectangle is 1209 square meters. Its length measures 39 meters. How much is its perimeter ?  
 (1) 122 meters (2) 134 meters (3) 148 meters (4) 144 meters (5) None of these

Q.108-112. Study the following graph carefully and answer the questions that follow :

The graph given below represents the number of users of two broadband services A and B across 5 cities P, Q, R, S and T.



- Q.108. What is the total number of users of brand B across all five cities together ?  
 (1) 2700 (2) 3000 (3) 3100 (4) 2900 (5) 3200
- Q.109. The number of users of brand A in city T is what percent of the number of users of brand B in city Q ?  
 (1) 150 (2) 110 (3) 140 (4) 160 (5) 120
- Q.110. What is the average number of users of brand A across all five cities together ?  
 (1) 560 (2) 570 (3) 580 (4) 590 (5) 550
- Q.111. What is the difference between the total number of users of Brand A and B together in city R and the total number of users of brand A and B together in city P ?  
 (1) 170 (2) 140 (3) 130 (4) 150 (5) 160
- Q.112. What is the respective ratio of the number of users of brand A in city P to the number of users of brand B in city S ?  
 (1) 5 : 7 (2) 4 : 7 (3) 2 : 5 (4) 3 : 4 (5) 5 : 6
- Q.113. 21 articles were bought for ₹ 6531 and sold for ₹ 9954. How much was the **approximate** profit percentage per article ?  
 (1) 56 % (2) 43% (3) 52% (4) 49% (5) 61%
- Q.114. A and B together can complete a particular task in 8 days. If B alone can complete the same task in 10 days, how many days will A take to complete the task if he works alone ?  
 (1) 28 (2) 36 (3) 40 (4) 32 (5) None of these
- Q.115. The cost price of an article is ₹ 1700. If it was sold at a price of ₹ 2006, what was the percentage profit on the transaction ?  
 (1) 18 (2) 12 (3) 10 (4) 15 (5) 20
- Q.116-120. What should come in place of the question mark (?) in the following number series ?
- Q.116. 1 1 2 6 ? 120  
 (1) 24 (2) 60 (3) 100 (4) 30 (5) None of these
- Q.117. 7 8 16 43 ? 232  
 (1) 204 (2) 107 (3) 119 (4) 89 (5) None of these
- Q.118. 4 13 17 ? 30 39  
 (1) 29 (2) 21 (3) 26 (4) 19 (5) None of these
- Q.119. 982 977 952 827 822 ?  
 (1) 779 (2) 817 (3) 789 (4) 697 (5) None of these
- Q.120. 41472 5184 576 72 8 ?  
 (1) 0 (2) 9 (3) 1 (4) 8 (5) None of these

**Answer:**

81	4
82	1
83	2
84	5
85	2
86	2
87	2
88	4
89	4
90	4
91	1
92	5
93	2
94	
95	4
96	2
97	5
98	5
99	1
100	4

101	3
102	5
103	1
104	5
105	3
106	4
107	5
108	2
109	3
110	3
111	4
112	1
113	3
114	3
115	1
116	1
117	2
118	2
119	5
120	3