## **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 24	40 = ?			
	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 inter	hat 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	
0.0	4) ₹ 6790	5) ₹ 6492		
98.	In how many different way			
	1) 2400	2) 2005	3) 720	
	4) 5040	5) None of these		

<b>99.</b> What will be the average of the following set of scores (rounded off to the near-							
est integer)?							
62, 76, 42, 84, 21, 47, 28	62, 76, 42, 84, 21, 47, 28						
1) 57	2) 54	3) 51					
4) 62	5) 66						
<b>100.</b> 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						
<b>101.</b> The area of circle is 2464	square meters. What will i	ts circumference be?					
1) 132 meters	2) 176 meters	3) 232 meters					
4) 272 meters	5) 109 meters						
<b>102.</b> The cost of 24 pens and 1	3 pencils is ₹ 175. What is	the cost of 48 pens and 26					
pencils?	pencils?						
1) ₹ 435	2) ₹ 705	3) ₹ 290					
4) ₹ 350	4) None of these						
Directions (Q. 103-105): Stud	y the following informat	ion and answer the ques-					
tions that follow:							
A sum of ₹ 10,980 is to be divided amongst A, B and C in the ratio 7 : 3 : 5							
<b>103.</b> What is C's share?							
1) ₹ 3,600	2) ₹ 3,006	3) ₹ 3,060					
4) ₹ 3,660	4) ₹ 3,124						
<b>104.</b> What is the sum of B's and	d C's share?						
1) ₹ 5,685	2) ₹ 5,865	3) ₹ 5,897					
4) ₹ 5,873	5) ₹ 5,856						
<b>105.</b> 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						
<b>106.</b> 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?

<b>107.</b> 7, 17, 54, ?, 1098, 6591				
1) 204	2) 212 3) 223			
4) 219	5 None of these			
<b>108.</b> 55, 109, ? 433, 865, 1729				
1) 279	2) 372	3) 217		
4) 318	5) None of these			
<b>109.</b> 19, 38, ?, 228, 684, 1368				
1) 106	2) 114	3) 121		
4) 98	5) None of these			
<b>110.</b> 87, 89, 95, 107, ?, 157				
1) 127	2) 122	3) 139		
4) 140	5) None of these			
<b>111.</b> 474, 459, 429, 369, 249, ?				
1) 9	2) 0	3) 4		
4) 11	5) None of these			
<b>112.</b> 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							
	Α	B	С	D	E	F	G	Н
Р	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
Т	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 fr	com Bookstore H is what	per cent of the total sale of				
Book R across all the boo	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					
<b>115.</b> 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 approx	<b>eximately</b> what per cent of	f the total sales of Bookstore				
C?						
1) 34	2) 39	3) 32				
4) 23	5) 28					
<b>117.</b> What is the total sales val	ue (in lakh) of Bookstore	D?				
1) 2510	2) 2670	3) 2900				
4) 2070	5) None of these					
<b>118.</b> 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					
<b>119.</b> 13 articles were bought for ₹5,980 and sold for ₹6,656. What was the <b>approxi-</b>						
mate 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 com-						
plete 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					