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 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 ₹	5,300 amount to in a span of	of 2 years, at 5 pcpa rate of		
	compound interest (rounde	d off to the nearest integer)?		
	1) ₹ 6946	2) ₹ 6876	3) ₹ 6521		
	4) ₹ 6790	5) ₹ 6492			
98.	In how many different way	s can the letters of the wor	rd 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 near- est integer)?				
	62, 76, 42, 84, 21, 47, 28				
	1) 57	2) 54	3) 51		
	4) 62	5) 66			
100.	The product of three conse	cutive numbers is 3360. W	That is the least number?		
	1) 17	2) 14	3) 13		
	4) 16	5) None of these			
101.	The area of circle is 2464 s	quare meters. What will it	s 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?	pencils is ₹ 175. What is	the cost of 48 pens and 26		
	1) ₹ 435	2) ₹ 705	3) ₹ 290		
	4) ₹ 350	4) None of these			
Dire	ections (Q. 103-105): Study	the following informati	on and answer the ques-		
tion	s that follow:				
A su	Im of ₹ 10,980 is to be divid	led 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		
	 1) ₹ 5,685 4) ₹ 5,873 	 2) ₹ 5,865 5) ₹ 5,856 	3) ₹ 5,897		
105.	 1) ₹ 5,685 4) ₹ 5,873 What is the difference betw 	 2) ₹ 5,865 5) ₹ 5,856 veen A's and B's share? 	3) ₹ 5,897		
105.	 1) ₹ 5,685 4) ₹ 5,873 What is the difference betw 1) ₹ 2,196 	 2) ₹ 5,865 5) ₹ 5,856 veen A's and B's share? 2) ₹ 2,928 	 3) ₹ 5,897 3) ₹ 2,961 		
105.	 1) ₹ 5,685 4) ₹ 5,873 What is the difference betw 1) ₹ 2,196 4) ₹ 2,289 	 2) ₹ 5,865 5) ₹ 5,856 veen A's and B's share? 2) ₹ 2,928 5) ₹ 2,982 	3) ₹ 5,897 3) ₹ 2,961		
105. 106.	 1) ₹ 5,685 4) ₹ 5,873 What is the difference betw 1) ₹ 2,196 4) ₹ 2,289 If the perimeter of a rectange 	 2) ₹ 5,865 5) ₹ 5,856 7een A's and B's share? 2) ₹ 2,928 5) ₹ 2,982 the is 138 metres and the difference of the state o	 3) ₹ 5,897 3) ₹ 2,961 6 		
105. 106.	 1) ₹ 5,685 4) ₹ 5,873 What is the difference betw 1) ₹ 2,196 4) ₹ 2,289 If the perimeter of a rectang and the breadth is 7 metres 	 2) ₹ 5,865 5) ₹ 5,856 veen A's and B's share? 2) ₹ 2,928 5) ₹ 2,982 de is 138 metres and the diff, what is the area of the reconstruction 	 3) ₹ 5,897 3) ₹ 2,961 a fference between the length ctangle? 		
105. 106.	 1) ₹ 5,685 4) ₹ 5,873 What is the difference betw 1) ₹ 2,196 4) ₹ 2,289 If the perimeter of a rectang and the breadth is 7 metres 1) 1216 square meters 	 2) ₹ 5,865 5) ₹ 5,856 7 een A's and B's share? 2) ₹ 2,928 5) ₹ 2,982 3 e is 138 metres and the diff, what is the area of the red 2) 1147 square metres 	 3) ₹ 5,897 3) ₹ 2,961 fference between the length ctangle? 		
105. 106.	 1) ₹ 5,685 4) ₹ 5,873 What is the difference betw 1) ₹ 2,196 4) ₹ 2,289 If the perimeter of a rectang and the breadth is 7 metres 1) 1216 square meters 3) 1184 square metres 	 2) ₹ 5,865 5) ₹ 5,856 7een A's and B's share? 2) ₹ 2,928 5) ₹ 2,982 3] ₹ 138 metres and the diff, what is the area of the red 2) 1147 square metres 4) 1178 square metres 	 3) ₹ 5,897 3) ₹ 2,961 fference between the length ctangle? 		

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.	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							
	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.	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	om Bookstore H is what p	er 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	n lakh) of Bookstore E?				
	1) 502	2) 504	3) 512			
	4) 540	5) None of these				
116.	Book Q constituted approx	ximately what per cent of	the total sales of Bookstore			
	C?		22			
	1) 34	2) 39	3) 32			
	4) 23	5) 28				
117.	What is the total sales valu	e (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	e be?				
	1) ₹510	2) ₹530	3) ₹503			
	4) ₹519	5) None of these				
119.	13 articles were bought for	₹5,980 and sold for ₹6,65	56. What was the approxi-			
mate profit percentage per article?						
	1) 15%	2) 11%	3) 9%			
	4) 19%	5) 13%				
120.	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				