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 = ?2) 62.37 1) 64.31 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.** $47 + 345 \div 15 \times 2 = ?$ 2) 93 1) 68 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.** $\left(\frac{17}{119} \times \frac{98}{14}\right)^2 = ?$ 2) 7 1) 5 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 5) None of these 4) 15.270 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

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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	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.		low 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.		is an the letters of the word BAKERY be arranged?			
	1) 2400	2) 2005	3) 720		
	4) 5040	5) None of these			

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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	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 i	ts 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) ₹ 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 divi	ded amongst A, B and C in	n 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						

<i>Directins (q. 107-111):</i> 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							
	Α	B	С	D	E	F	G	Η
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	from Bookstore H is what	t per cent of the total sale of			
Book R across all the b	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	e (in lakh) of Bookstore E?				
1) 502	2) 504	3) 512			
4) 540	5) None of these				
116. Book Q constituted app	proximately 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 v	alue (in lakh) of Bookstore	e D?			
1) 2510	2) 2670	3) 2900			
4) 2070	5) None of these				
118. The cost price of an art	cle is ₹480. If it is to be so	old at a profit of 6.25 per cent,			
what would its selling p					
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 approxi -					
mate profit percentage	-				
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			
	,	<i>J)</i> 14			
4) 12	5) None of these				