NAT II Arts & Humanities Quantitative

Sr	Questions	Answers Choice
1	A and B can do in 6 days. If A does the job alone he takes 10 days. What will be the time required by B to complete the job alone?	A. 8 B. 6 C. 15 D. 3
2	$0.027 \div 90 = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
3	1.02 - 0.02 + ? = 1.842	A. 0.222 B. 0.842 C. 2 D. None
4	Ay - b = c - dy what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. 38/2 C. 38/3 D. 38/5
5	12% of x = 360	A. 250 B. 100 C. 400 D. 3000
6	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
7	The average of x, y , z and 40 is 10. What is the average of x, y and z.	A. 10 B. 0 C. 2 D. 15
8	Mr. Kashif got an average of 50 in 6 tests. What should he get in the next to attain the average of 60?	A. 120 B. 60 C. 100 D. 70
9	If x + 3y = 7 and 2x + y = 5 then x/y is?	A. 1/2 B. 1/3 C. 2/5 D. 8/9
10	If p = 2, then $3^p + (p^3)^2 =$	A. 18 B. 45 C. 42 D. 70 E. 73
11	$816 - 288 \div = 24 ?$	A. 22 B. 828 C. 528 D. 804
12	One half of the employees of Al Karim Co. earn salaries above Rs. 18,000 monthly. One third of the remainder earn salaries between Rs. 15,000 and Rs. 18,000. What part of the staff below Rs. 15,000?	A. 2/3 B. 1/3 C. 2/5 D. 3/5
13	$2244 \div 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
14	The population of 8 villages is 900, 750, 1100, 1050, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900.	A. 1200 B. 1050 C. 1030 D. 7070
15	Maria's test scores were 96, 97, 86, 98 and 92. What would he need on his next test to have an average of 94?	A. 92 B. 90 C. 95 D. 100

		D. 100
		E. 98
16	If 3(p + 5q) = 24, then what is the value of q, when p = 3?	A. 1
		B. 5
		C. 9
		D. 3
		E. 7
17	What part of an hour clapes between 10:45 a.m. and 11:09 a.m.?	A. 2/5
		B. 3/5
		C. 11/12
		D. 2
18	Successive discounts of 10% and 15% is equivalent to a single discount of	A. 24%
		B. 24.5%
		C. 23.5%
		D. 22%
		E. 25%
19	A clerk filed 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday and 66 on Friday. What was the average number of forms filed per day?	A. 50
		B. 95
		C. 84
		D. 74
20	The value of $(x + y)^2 + (x - y)^2$ is?	A. 4
		B. $2(x^2 + y^2)$
		C. 4xy
		D. -4xy