NAT II Management Science Quantitative

Sr	Questions	Answers Choice
1	The value of {0.54- 0.44} / {0.52- 0.42} is?	A. 0.9 B. 0.09 C. 0.19 D. 0.31
2	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
3	If a man's weekly salary is$X and saves$Y. What part of his weekly salry does he spend?	A. X/Y B. X-Y/X C. Y-X/X D. x-y
4	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed below to plow the field in 5 hours?	A. 32 B. 4 C. 16 D. 8
5	$0.027 \div 90 = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
6	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%
7	In a school there are 400 students, of whom 70% are boys. What is the number of girls?	A. 120 B. 200 C. 280 D. 2800
8	A factory employs M men and W women. What part of its employees are women?	A. W/(W + M) B. W/M C. (W + M)/M D. M/W
9	A number which is divisible by both 6 and 8 is also divisible by	A. 7 B. 5 C. 11 D. 9 E. 24
10	12 is 3/4 of what number?	A. 20 B. 24 C. 16 D. 8
11	Question Image	A. 1.425 B. 1.585 C. 1.330 D. 0.750 E. 1.750
12	If x % of 60 = 48, then x = ?	A. 80 B. 60 C. 90 D. 40
13	Out of the 44 boys in a class 9 are of the age of 10, 15 at the age of 9, and the rest are at the age of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
14	The average height of a class of 14 boys is 5.3 feet. After new boy is admitted to the class, the new average height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
		A. (y + z) / (y-z)

15	1/x = 1/y + 1/z then 'x' in terms of 'y' and 'z' is given by?	B. yz/(y + z) C. (y + z)/yz D. 1/z -1/y
16	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
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	How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles?	A. 19.2 B. 12.8 C. 8.5 D. 38
19	The value of (x + y)2+ (x - y)2is?	A. 4 B. 2(x2+ y2) C. 4xy D. -4xy
20	The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence?	A. 20 B. 400 C. 2000 D. 1000