NAT II Management Science Quantitative

Sr	Questions	Answers Choice
1	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
2	The circumference of a circle whose diameter is 6 inches is approximately	A. 22 inches B. 19 inches C. 14 inches D. 38 inches E. 16 inches
3	What is the percent profit made on the sale of 1000 shares of stock bought at Rs. 10 per share and sold at Rs. 12 per share?	A. 2% B. 0.2% C. 25% D. 20% E. 41%
4	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. How much time in minutes is needed to fill the tank if both the pipes are working together?	A. 90 B. 50 C. 60 D. 30
5	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
6	A man bought 27 packets of Chilli Milli at $280 each, 9 packets of Chilli Milli at $320 each and 6 packets of Chilli Milli at $360 each. Find the average price per packet of Challi Milli.	A. $250 B. $300 C. $400 D. $380
7	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
8	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
9	15% of 32 equal	A. 3.80 B. 2.50 C. 4.80 D. 4 E. 5
10	A number which is divisible by both 6 and 8 is also divisible by	A. 7 B. 5 C. 11 D. 9 E. 24
11	If 2x + y = 11 and 3x + 2y = 17 then y is?	A. 1 B. 5 C. 6 D. 4
12	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
13	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
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	If a2- b2and a - b = 12 then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. 3/2
16	If p = 2, then $3^{p}+ (p^{3})^{2}$=	A. 18 B. 45 C. 42 D. 70 E. 73
17	What is 1/5% of 5000	A. 10 B. 12 C. 16 D. 1000 E. 5000
18	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 E. 98
19	$.007 \div \sqrt{.000049}$	A. 1 B. .0049 C. 2 D. 7
20	2/3 x 12 =	A. 4 B. 6 C. 8 D. 10 E. 18