NAT I Arts Quantitative

Sr	Questions	Answers Choice
1	If abc= 2 and a = c then b =	A. a² B. 1/2a C. 2/a² D. 2-a²
2	Find the value of x if 3:b=x:c.	A. 3b/c B. c/3b C. 2c/3b D. 3c/b
3	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
4	The average height of five men is 68 inches. If one man is 70 inches tall and three others have an average of 67 inches, the height of the fifth man, in inches, is	A. 68 B. 69 C. 70 D. 71
5	The value of $\{0.5^4 - 0.4^4\} / \{0.5^2 + 0.4^2\}$ is?	A. 0.9 B. 0.09 C. 0.19 D. 0.31
6	If 3 1/5 c=2 1/2 b and c≠0, then b/c=?	A. 25/32 B. 7/8 C. 32/25 D. 11/10
7	A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup, 2 parts sugar, and 1 part butter. If you use 8 ounces of milk, how many ounces of candy mixture can you make ?	A. 25 3/5 B. 5 3/5 C. 20 D. 128
8	350 - -96÷18 =?	A. 318 B. -132 C. 328 D. 232
9	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
10	Four people are asked to stand in a straight line. In how many different orders can they line up ?	A. 12 B. 16 C. 24 D. 6
11	1/x=1/y+1/z then 'x' in terms of 'y' and 'z' is given by?	A. (y+z) / (y-z) B. yz / (y+z) C. (y+z)/ yz D. 1/z-1/y
12	Question Image	A. 40 B. 50 C. 90 D. 130
13	Change 4 4/2 to an improper fraction:	A. 14/3 B. 11/3 C. 24/3 D. 10/3
14	Question Image	A. 30 B. 39 C. 80 D. 78
15	25% of 4÷ 4% of 25 =?	A. 1 B. 3 C. 0 D. 6

16	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10
17	If (36)(?)(7)=21, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
18	Question Image	A. 780 B. 585 C. 1170 D. 540
19	A and B can do a jobs in 6 days. If A does the job alone he takes 10 days.What will be time required by B to complete the job alone?	A. 8 B. 6 C. 15 D. 3
20	A clock gain 8 minutes every x hours. How many hours will the clock gain in 3 days ?	A. 576/x B. 48/5x C. 24/x D. 576/5x