NAT I Arts Quantitative

Sr	Questions	Answers Choice
1	72 + 679 + 1439 + 537 + ?=4036	A. 1309 B. 1208 C. 2308 D. 2423
2	1764÷ 17.64 /0.5	A. 100 B. 20 C. 0.2 D. 200
3	Question Image	A. 30 B. 39 C. 80 D. 78
4	If the sum of the interior angles of a regular polygon measures up to 1440 degrees, how many sides does the polygon have ?	A. 10 sides B. 8 sides C. 12 sides D. 9 sides
5	A 4 cm cube is cut into 1 cm cubes. What is the percentage increase in the surface area after such cutting ?	A. 4% B. 300% C. 75% D. 400%
6	$(60)^2$=? x 72	A. 36 B. 3600 C. 40 D. 50
7	If $(x+1/x)^2$=96 what is the value of $x^2 + 1/x^2$?	A. 94 B. 98 C. 100 D. 90
8	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
9	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 of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
10	Change 27/7 to a mixed number.	A. 6 1/3 B. 7 1/2 C. 3 6/7 D. 2 1/7
11	3/4 of 432 = ?	A. 340 B. 232 C. 324 D. 316
12	224√ 0.88 =? x 1122	A. 20.02 B. 20.2 C. 19.3 D. 2.27
13	$(60)^2$=?x72	A. 3600 B. 3528 C. 0.02 D. 50
14	The population of a city increased in two years from 25,000 to 30,000: find the increase percent during the time.	A. 10% B. 20% C. 40% D. 5%
15	t is an integer greater than 5. The expression that must represent an odd integer is	A. t(t+1) B. 3t-1 C. t² D. 2t-3

16	The average height of a class of 14 boys is 5.3 feet. A new boy admitted to the class, the new average of 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
17	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
18	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
19	If 4x-y=13 and 3x-2y=7 then what is the average of 'x' and 'y'?	A. 4 B. 3 C. 2 D. 6
20	If a man's weekly salary is $X and he saves $Y, what part of his weekly salary does he spend?	