NAT II Arts & Humanities Quantitative

Sr	Questions	Answers Choice
1	3/4 of 432 = ?	A. 340 B. 232 C. 324 D. 316
2	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
3	A word processing operator typed 44 words per minute. After practice, the operator's speed increased to 55 words per minutes. By what percent did the operator's speed increase?	A. 25% B. 50% C. 15% D. 20%
4	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
5	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
6	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
7	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
8	If 2x + y = 11 and 3x + 2y = 17 then y is?	A. 1 B. 5 C. 6 D. 4
9	When 3x2+ 5x + 7 is subtracted from x2+ 8x + 3 the result is?	A. 5x2- 3x + 4 B. 3x- 2x2 - 4 C. x2+ 8x + 10 D. 11x2- 3x + 10
10	12% of x = 360	A. 250 B. 100 C. 400 D. 3000
11	The average (arithmetic mean) of 8a + 5, -3a, 9, 0 and 7a - 2?	A. 3a + 1 B. 3a + 3 C. 4a + 1 D. 4a + 4 E. 12a + 12
12	What part of an hour elapses between 10: 45 a.m and 11:09 a.m?	A. 2/5 B. 3/5 C. 11/12 D. 2
13	The value of {0.54- 0.44} / {0.52- 0.42} is?	A. 0.9 B. 0.09 C. 0.19 D. 0.31
14	The ratio from 5 feet to 3 inches is	A. 3/5 B. 5/3 C. 3/60 D. 1/20 E. 20
15	1/2 of $44 \div 2.2 = ?$	A. 20 B. 22

		C. 44 D. 100
16	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
17	If 3p + 2 = 12, then p - 1/3 equals:	A. 10 B. 3 C. 10/3 D. 4 E. 12
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	If x + 3y = 7 and 2x + y = 5 then x/y is?	A. 1/2 B. 1/3 C. 2/5 D. 8/9
20	If the radius of the circle is halfed, then its area	A. Remains same B. Become half C. Become quarter D. Become double E. Not changed