NAT II Biological Science Quantitative

Sr	Questions	Answers Choice
1	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
2	A man spent 10% of his money. After spending 60% of the remainder he has Rs. 72 left. How much had he in the start?	A. 10 B. 100 C. 200 D. 400
3	The population of a city increased in two years from 25,000 to 30,000; find the percent increase during the time.	A. 10% B. 20% C. 40% D. 5%
4	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
5	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
6	A number which is divisible by both 6 and 8 is also divisible by	A. 7 B. 5 C. 11 D. 9 E. 24
7	If a2- b2and a - b = 12 then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. 3/2
8	The value of (x + y)2+ (x - y)2is?	A. 4 B. 2(x2+ y2) C. 4xy D. -4xy
9	x + y = 17 and x = 2 then value of y?	A. 13 B. 15 C. 19 D. 10
10	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
11	David receives his allowance on Sunday. He spends 1/4 of his allowance on Monday and 2/3 of the remainder on Tuesday. What part of his allowance is left for the rest of the week?	A. 2/3 B. 4/5 C. 6/7 D. 1/4
12	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
13	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 10
14	If the area of rectangle is 12, then its perimeter is	A. 6 B. 7 C. 8 D. 12 E. Cannot be determined from the given information
		A. Yes

15	If 'x' and 'y' are positive and 1/x = 3 + 1/y is 'x' greater than 'y'?	B. No C. It cannot be determind D. They are equal
16	The ratio from 5 feet to 3 inches is	A. 3/5 B. 5/3 C. 3/60 D. 1/20 E. 20
17	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
18	If 3(p + 5q) = 24, then what is the value of q, when p = 3?	A. 1 B. 5 C. 9 D. 3 E. 7
19	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
20	72 + 679 + 1439 + 537 + ? = 4036	A. 1309 B. 1208 C. 2308 D. 2423