NAT II Biological Science Quantitative

Sr	Questions	Answers Choice
1	1.02 - 0.02 + ? = 1.842	A. 0.222 B. 0.842 C. 2 D. None
2	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
3	If 3a - 5 = 3 + 2a, then a =	A. 8 B. 9 C. 10 D. 12 E. 6
4	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%
5	72 + 679 + 1439 + 537 + ? = 4036	A. 1309 B. 1208 C. 2308 D. 2423
6	The value of {0.54- 0.44} / {0.52- 0.42} is?	A. 0.9 B. 0.09 C. 0.19 D. 0.31
7	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%
8	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
9	A motion was passed by a vote of 5: 3. What part of the votes cast was is favor of the motion?	A. 3/5 B. 5/8 C. 3/8 D. 5/3
10	What part of an hour clapes between 10:45 a.m. and 11:09 a.m.?	A. 2/5 B. 3/5 C. 11/12 D. 2
11	If (x + 1/x)2= 96 what is the value of x2+ 1/x2?	A. 94 B. 98 C. 100 D. 90
12	$(242 - 17)^2 - (7 - 5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
13	(x + y)2= 25 and x2+ y2= 13 then xy is equal to?	A. 16 B. 20 C. 18 D. 6
14	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
		A. 36

15	$(60)^2 = ? \times 72$	B. 3600 C. 40 D. 50
16	3/4 of 432 = ?	A. 340 B. 232 C. 324 D. 316
17	$.007 \div \sqrt{.000049}$	A. 1 B. .0049 C. 2 D. 7
18	15% of 32 equal	A. 3.80 B. 2.50 C. 4.80 D. 4 E. 5
19	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
20	The value of x2+ 5x + 6 at x = 2 is?	A. 10 B. 14 C. 18 D. 20