NAT II Biological Science Quantitative

Sr	Questions	Answers Choice
1	$0.027 \div 90 = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
2	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
3	If x = 7y + 3 and z = 49y2then what is 'z' in terms of x?	A. X2 B. x2- 3 C. (x - 3)2/7 D. None
4	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
5	If the ratio of x : y is 9 : 7, then x + y is	A. 16 B. 2 C. 1 D. None of the above
6	$(242 - 17)^2 - (7 - 5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
7	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
8	What is 1/5% of 5000	A. 10 B. 12 C. 16 D. 1000 E. 5000
9	$x^2 = 1681$, x = ?	A. 31 B. 41 C. 51 D. 61
10	$2244 \div 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
11	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%
12	$816 - 288 \div = 24\ ?$	A. 22 B. 828 C. 528 D. 804
13	72 + 679 + 1439 + 537 + ? = 4036	A. 1309 B. 1208 C. 2308 D. 2423
14	What is the number, 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
15	If 'x' and 'y' are positive and 1/x = 3 + 1/y is 'x' greater than 'y'?	A. Yes B. No C. It cannot be determind

		D. They are equal
16	A team played 30 games of which it won. What part of the games played did it lose?	A. 1/5 B. 5/6 C. 6/5 D. 5
17	$.007 \div \sqrt{.000049}$	A. 1 B. .0049 C. 2 D. 7
18	How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles?	A. 19.2 B. 12.8 C. 8.5 D. 38
19	A team played 30 games of which it won. What part of the games played did it loss?	A. 1/5 B. 5/6 C. 6/5 D. 5
20	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