NAT II Biological Science Quantitative

Sr	Questions	Answers Choice
1	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
2	One half of the employees of Al Karim Co. earn salaries above Rs. 18,000 monthly. One third of the remainder earn salaries between Rs. 15,000 and Rs. 18,000. What part of the staff below Rs. 15,000?	A. 2/3 B. 1/3 C. 2/5 D. 3/5
3	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%
4	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
5	x + y = 17 and x = 2 then value of y?	A. 13 B. 15 C. 19 D. 10
6	$.007 \div \sqrt{.000049}$	A. 1 B. .0049 C. 2 D. 7
7	Ay - b = c - dy what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. 38/2 C. 38/3 D. 38/5
8	If Adil can finish a job in 5 hours and Moeed can finish the same job in 10 hours, how many minutes will it take both of them together to finish the job?	A. 210 B. 220 C. 200 D. 160 E. 180
9	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
10	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
11	(x + y)2= 25 and x2+ y2= 13 then xy is equal to?	A. 16 B. 20 C. 18 D. 6
12	What is the number, 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
13	What is 1/5% of 5000	A. 10 B. 12 C. 16 D. 1000 E. 5000
14	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
		A. 94

15	If $(x + 1/x)^2 = 96$ what is the value of $x^2 + 1/x^2$?	B. 98
		C. 100
		D. 90
16	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
17	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
18	The circumference of a circle whose diameter is 6 inches is approximately	A. 22 inches
		B. 19 inches
		C. 14 inches
		D. 38 inches
		E. 16 inches
19	$2244 \div 0.88 = ? \times 1122$	A. 20.02
		B. 20.2
		C. 19.3
		D. 2.27
20	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