NAT II Biological Science Quantitative

Sr	Questions	Answers Choice
1	$(242 - 17)^2 - (7 - 5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
2	A clerk filed 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday and 66 on Friday. What was the average number of forms filed per day?	A. 50 B. 95 C. 84 D. 74
3	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
4	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
5	$0.027 \div 90 = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
6	If a man's weekly salary is$X and saves$Y. What part of his weekly salry does he spend?	A. X/Y B. X-Y/X C. Y-X/X D. x-y
7	What is the number, 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
8	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
9	$2244 \div 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
10	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%
11	David recieves his allowance in Sunday. He spends 1/4 of his allowance on Monday and 2.3 of the reminder on Tuesday. What part of his allowance is left for the rest week?	A. 2/3 B. 4/5 C. 6/7 D. 1/4
12	If 3x + 5y = 10 and 3y + 5x = 30 then average if 'x' and 'y' is?	A. 3/2 B. 4 C. 5/2 D. 7/2
13	When $3x^2 + 5x + 7$ is subtracted from $x^2 + 8x + 3$ the result is?	A. $5x^2 - 3x + 4$ B. $3x - 2x^2 - 4$ C. $x^2 + 8x + 10$ D. $11x^2 - 3x + 10$
14	If x % of 60 = 48, then x = ?	A. 80 B. 60 C. 90 D. 40
15	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
16	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
17	$? \times 12 = 75\% of 336$	A. 48 B. 252 C. 28 D. 21
18	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
19	If (x + 1/x)2= 96 what is the value of x2+ 1/x2?	A. 94 B. 98 C. 100 D. 90
20	2x2y when multiplied with x2+ y2gives?	A. 2x3y3+ 2xy3 B. 2x4y + 2x2y3 C. 2xy2 + 2x2y D. 2xy3+ 2x3y