


NAT II Biological Science Quantitative

Sr	Questions	Answers Choice
1	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
2	If $x + 3y = 7$ and $2x + y = 5$ then x/y is?	A. 1/2 B. 1/3 C. 2/5 D. 8/9
3	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
4	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 10
5	If $x = 7y + 3$ and $z = 49y^2$ then what is 'z' in terms of x?	A. x^2 B. $x^2 - 3$ C. $(x - 3)^2/7$ D. None
6	Question Image 	A. 1.425 B. 1.585 C. 1.330 D. 0.750 E. 1.750
7	The average (arithmetic mean) of $8a + 5$, $-3a$, 9, 0 and $7a - 2$?	A. $3a + 1$ B. $3a + 3$ C. $4a + 1$ D. $4a + 4$ E. $12a + 12$
8	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%
9	If a man's weekly salary is \$X and saves \$Y. What part of his weekly salary does he spend?	A. X/Y B. X-Y/X C. Y-X/X D. x-y
10	The value of $\{0.54 - 0.44\} / \{0.52 - 0.42\}$ is?	A. 0.9 B. 0.09 C. 0.19 D. 0.31
11	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
12	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
13	If $3p + 2 = 12$, then $p - 1/3$ equals:	A. 10 B. 3 C. 10/3 D. 4 E. 12
14	$2/3 \times 12 =$	A. 4 B. 6 C. 8 D. 10 E. 12

15	What is 1/5% of 5000	A. 10 B. 12 C. 16 D. 1000 E. 5000
16	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
17	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
18	$x^2 = 1681$, $x = ?$	A. 31 B. 41 C. 51 D. 61
19	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
20	$2x^2y$ when multiplied with $x^2 + y^2$ gives?	A. $2x^3y^3 + 2xy^3$ B. $2x^4y + 2x^2y^3$ C. $2xy^2 + 2x^2y$ D. $2xy^3 + 2x^3y$
