

## NAT II Biological Science Quantitative

Sr	Questions	Answers Choice
1	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
2	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
3	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
4	$1/x = 1/y + 1/z$ then 'x' in terms of 'y' and 'z' is given by?	A. $(y + z) / (y-z)$ B. $yz/(y + z)$ C. $(y + z)/yz$ D. $1/z - 1/y$
5	12 is 3/4 of what number?	A. 20 B. 24 C. 16 D. 8
6	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
7	If $a^2 - b^2$ and $a - b = 12$ then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. 3/2
8	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
9	If $2x + y = 11$ and $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4
10	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
11	$816 - 288 \div = 24 ?$	A. 22 B. 828 C. 528 D. 804
12	3/4 of 432 = ?	A. 340 B. 232 C. 324 D. 316
13	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
14	If $(x + 1/x)^2 = 96$ what is the value of $x^2 + 1/x^2$ ?	A. 94 B. 98 C. 100 D. 90
15	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

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16	$.007 \div \sqrt{.000049}$	A. 1 B. .0049 C. 2 D. 7
17	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
18	$25\% \text{ of } 4 \div 4\% \text{ of } 25 = ?$	A. 1 B. 3 C. 0 D. 67
19	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None
20	A man opens a bookstall with a capital of Rs. 25000. In three months his capital amounts to rupees 27500. What is the increase percent?	A. 1% B. 10% C. 20% D. 7%

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