

NAT II Biological Science Quantitative

Sr	Questions	Answers Choice
1	$(x + y)^2 = 25$ and $x^2 + y^2 = 13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
2	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
3	The population of a city increased in two years from 25,000 to 30,000; find the percent increase during the time.	A. 10% B. 20% C. 40% D. 5%
4	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None
5	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
6	$\frac{3}{4}$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
7	$816 - 288 \div = 24 ?$	A. 22 B. 828 C. 528 D. 804
8	If 'x' and 'y' are positive and $\frac{1}{x} = 3 + \frac{1}{y}$ is 'x' greater than 'y'?	A. Yes B. No C. It cannot be determined D. They are equal
9	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%
10	12% of $x = 360$	A. 250 B. 100 C. 400 D. 3000
11	The value of $(x + y)^2 - (x - y)^2$ is?	A. 4 B. $(x^2 + y^2)$ C. $4xy$ D. $-4xy$
12	$x + y = 17$ and $x = 2$ then value of y ?	A. 13 B. 15 C. 19 D. 10
13	The average of x, y, z and 40 is 10. What is the average of x, y and z .	A. 10 B. 0 C. 2 D. 15
14	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
15	$ay - b = c - dy$ what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. $\frac{38}{2}$ C. $\frac{38}{3}$ D. $\frac{38}{5}$

16 $(190)^2 - (150)^2 = ?$

- A. 58600
- B. 13600
- C. 1360
- D. 1600

17 If $3a - 5 = 3 + 2a$, then $a =$

- A. 8
- B. 9
- C. 10
- D. 12
- E. 6

18 A factory employs M men and W women. What part of its employees are women?

- A. $W/(W + M)$
- B. W/M
- C. $(W + M)/M$
- D. M/W

19 The value of $\{0.54 - 0.44\} / \{0.52 - 0.42\}$ is?

- A. 0.9
- B. 0.09
- C. 0.19
- D. 0.31

20 $x^2 = 1681$, $x = ?$

- A. 31
- B. 41
- C. 51
- D. 61