

NAT II Biological Science Quantitative

Sr	Questions	Answers Choice
1	$x + y = 17$ and $x = 2$ then value of y ?	A. 13 B. 15 C. 19 D. 10
2	The area of the circle is 16π . The length of the diameter of the circle is	A. 2 B. 32 C. 4 D. 16 E. 8
3	If $x\%$ of $60 = 48$, then $x = ?$	A. 80 B. 60 C. 90 D. 40
4	$816 - 288 \div = 24 ?$	A. 22 B. 828 C. 528 D. 804
5	A team played 30 games of which it won. What part of the games played did it loss?	A. 1/5 B. 5/6 C. 6/5 D. 5
6	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
7	A number which is divisible by both 6 and 8 is also divisible by	A. 7 B. 5 C. 11 D. 9 E. 24
8	The ratio from 5 feet to 3 inches is	A. 3/5 B. 5/3 C. 3/60 D. 1/20 E. 20
9	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
10	$(x + y)^2 = 25$ and $x^2 + y^2 = 13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
11	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed below to plow the field in 5 hours?	A. 32 B. 4 C. 16 D. 8
12	$? \times 12 = 75\% \text{ of } 336$	A. 48 B. 252 C. 28 D. 21
13	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
14	The value of $(x + y)^2 + (x - y)^2$ is?	A. 4 B. $2(x^2 + y^2)$ C. $4xy$ D. $-4xy$
		A. 10 -

- 15 If $3p + 2 = 12$, then $p - 1/3$ equals:
B. 3
C. $10/3$
D. 4
E. 12
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- 16 If $x + 2y = 11$ and $x + y = 10$ the value of y is?
A. 1
B. 2
C. 3
D. 4
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- 17 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%
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- 18 A man has Rs. 2000 and spends 18% of it. What money has he left now?
A. 3600
B. 820
C. 1640
D. 4000
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- 19 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
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- 20 If the ratio of $x : y$ is $9 : 7$, then $x + y$ is
A. 16
B. 2
C. 1
D. None of the above