

## NAT I Medical Quantitative

Sr	Questions	Answers Choice
1	$0.007 \div \sqrt{0.000049}$	A. 1 B. 0.0049 C. 2 D. 7
2	How many cents will $r$ books cost if $t$ books cost $m$ dollars ?	
3	Find the sum of money, 11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
4	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52 C. 41 D. 29
5	The population of a city increased in two years from 25,000 to 30,000: find the increase percent during the time.	A. 10% B. 20% C. 40% D. 5%
6	When $3x^2 + 5x + 7$ is subtracted from $x^2 + 8x + 3$ the result is?	A. $5x^2 - 3x + 4$ B. $3x^2 - 2x - 4$ C. $x^2 + 8x + 10$ D. $11x^2 + 3x + 10$
7	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%
8	Find the value of $x$ if $3:b = x:c$ .	A. $3b/c$ B. $c/3b$ C. $2c/3b$ D. $3c/b$
9	The average height of a class of 14 days 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
10	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
11	Question Image	A. 55 B. 70 C. 110 D. 125
12	$(580 \times 12) - (645 \times 5) / 50 \times 10 = ?$	A. 7.47 B. 3725 C. 74.7 D. 4450
13	$5/3 + 7/6 + 9/3 + 7/2 = ?$	A. $28/3$ B. $112/3$ C. $28/12$ D. $14/7$
14	$3/4$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
15	$x + y = 17$ and $x=2$ , then value of $y$ ?	A. 13 B. 15 C. 19 D. 10
16	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000

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17 If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours ?

A. 8000  
B. 9000  
C. 300  
D. 900

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18 What is the number of 5% of which is 10 ?

A. 200  
B. 100  
C. 50  
D. 10

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19 What is the sum of money, of which 6% is 18 dollars ?

A. 600  
B. 200  
C. 300  
D. 10

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20 If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours?

A. 32  
B. 4  
C. 16  
D. 8

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