

## NAT I Medical Quantitative

Sr	Questions	Answers Choice
1	If $x + 2y = 11$ and $x + y = 10$ the value of $y$ is:	A. 1 B. 2 C. 3 D. 4
2	25% of 4 ÷ 4% of 25 =?	A. 1 B. 3 C. 0 D. 6
3	$816 - 288 \div 24 = ?$	A. 22 B. 828 C. 528 D. 804
4	Question Image <input type="text"/>	A. 55 B. 70 C. 110 D. 125
5	If a train travels $\frac{5}{6}$ miles in $1 \frac{1}{4}$ minutes, how many miles will it travel in 1 hour?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
6	The average height of a class of 14 boys is 5.3 feet. A new boy admitted to the class, the new average of 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
7	$7 \times 21 \div 3 + 3 / 8 \div 4 \times 2$	A. 13 B. 17 C. 31 D. 1
8	$x\sqrt{0.09} = 3$ : $x = ?$	A. 10 B. $\frac{1}{3}$ C. $\frac{1}{10}$ D. 1
9	12 is $\frac{3}{4}$ of what number ?	A. 20 B. 24 C. 16 D. 8
10	A and B can do a job in 6 day. If A do the job alone he takes 10 days. What will be the time required by B to complete the job alone ?	A. 8 B. 6 C. 15 D. 3
11	If $abc = 2$ and $a = c$ then $b =$	A. $a^{>2}</sup>$ B. $\frac{1}{2a}$ C. $\frac{2}{a^{>2}</sup>}$ D. $2 \cdot a^{>2}</sup>$
12	Find the sum of money, 11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
13	Question Image <input type="text"/>	A. 15 B. 30 C. 45 D. 72
14	A factory employs $M$ men and $W$ women. What part of its employees are women ?	A. $\frac{W}{(W+M)}$ B. $\frac{W}{M}$ C. $\frac{(W+M)}{M}$ D. $\frac{M}{W}$
15	The death rates for three diseases are : Disease R 2 People out of 10,000 Disease S 13 People out of 1,000,000 Disease T 9 People out of 100.000	A. 123 out of 1,000,000 B. 42 out of 10,000 C. 42 out of 1,000,000 D. 42 out of 100,000

Disease R 2 People out of 10,000

What is the combined death rate for the three diseases?

C. 42 out of 1,000,000  
D. 303 out of 1,000,000

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- 16 How many cents will  $r$  books cost if  $t$  books cost  $m$  dollars?
- A.  $100mr / t$   
B.  $mr / 100$   
C.  $100t / mr$   
D.  $m / 100t$
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- 17 If the radius of a circle is increased by 20% then the area is increased by
- A. 44%  
B. 120%  
C. 144%  
D. 40%
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- 18  $72 + 679 + 1439 + 537 + ? = 4036$
- A. 1309  
B. 1208  
C. 2308  
D. 2423
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- 19 Dave is twice as old as Bob, who is 3 years older than Steve. If Steve is  $4a$  years old, Dave's age is:
- A.  $8a$   
B.  $22a$   
C.  $14a$   
D.  $8a+6$
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- 20 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
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