

NAT I Medical Quantitative

Sr	Questions	Answers Choice
1	Find the value of x if $3 : b = x : c$.	
2	If $(36)(?)(7)=21$, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
3	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her answer was $13 \frac{1}{5}$, what should be the correct answer to the example ?	A. $2 \frac{8}{11}$ B. $5/66$ C. $2 \frac{1}{5}$ D. $11/30$
4	If $abc = 2$ and $a = c$ then $b =$	A. $a^{²}$ B. $1/2a$ C. $2/a^{²}$ D. $2-a^{²}$
5	Question Image <input type="text"/>	A. 40 B. 50 C. 90 D. 130
6	If the radius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
7	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. $1/4$
8	$x + y = 17$ and $x = 2$, then value of y?	A. 13 B. 15 C. 19 D. 10
9	The average height of five men is 68 inches. If one man is 70 inches tall and three others have an average of 67 inches, the height of the fifth man, in inches, is	A. 68 B. 69 C. 70 D. 71
10	In a school there are 400 students, of whom 70% are boys. What is the number of girls?	A. 130 B. 200 C. 280 D. 2800
11	A 4 cm cube is cut into 1 cm cubes. What is the percentage increase in the surface area after such cutting ?	A. 4% B. 300% C. 75% D. 400%
12	A and B can do a job in 6 days. 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
13	$72/3 \div 18/6 = ?$	A. 72 B. 8 C. 18 D. 48
14	$816 - 288 \div 24 = ?$	A. 22 B. 828 C. 528 D. 804
15	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
16	Question Image <input type="text"/>	A. 5 B. 10 C. 110

D. 125

17 In a school there are 400 students, of whom 70% are boys: what is the number of girls ?

- A. 120
- B. 200
- C. 280
- D. 2800

18 

- A. a
- B. $90-a$
- C. $180-a/2$
- D. $180-a$

19 Find the sum of money, 11% of which is Rs.1650.

- A. 150
- B. 3300
- C. 25000
- D. 15000

20 If $4x-y=13$ and $3x-2y=7$ then what is the average of 'x' and 'y'?

- A. 4
- B. 3
- C. 2
- D. 6