

## NAT I Medical Quantitative

Sr	Questions	Answers Choice
1	Find the ratio of 18 inches to 2 yards.	A. 3/4 B. 1/4 C. 1/5 D. 2/5
2	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900.	A. 1200 B. 1050 C. 1030 D. 7070
3	If $p$ is a negative integer and $p^2+11p=t$ , a value of $t$ could be:	A. 12 B. 18 C. -18 D. 11
4	The value of $x^2 + 5x + 6$ at $x=2$ is:	A. 10 B. 14 C. 18 D. 20
5	Question Image <input type="text"/>	A. 40 B. 50 C. 90 D. 130
6	$3/4$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
7	Question Image <input type="text"/>	A. 15 B. 30 C. 45 D. 72
8	A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup, 2 parts sugar, and 1 part butter. If you use 8 ounces of milk, how many ounces of candy mixture can you make?	A. 25 3/5 B. 5 3/5 C. 20 D. 128
9	Change $27/7$ to a mixed number.	A. 6 1/3 B. 7 1/2 C. 3 6/7 D. 2 1/7
10	How many tens are equal to the number whose hundreds, tens, and units digits are $a$ , $b$ , and $c$ , respectively ?	A. $b$ C. $10a+b+c$
11	$Z + 1/Z = 2$ ; $Z = ?$	A. 2 B. 1 C. 1/2 D. 1 1/2
12	12% of $x = 360$	A. 250 B. 100 C. 400 D. 3000
13	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 20
14	If $(36)(?)(7)=21$ , then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
15	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
		A. $b + 7$

- 16 If Myra had bowling scores of  $b + 6$ ,  $b - 2$ ,  $b + 4$ , and  $b - 5$ , what must she score in the next game to get an overall average of  $b + 2$  ?
- B.  $b - 3$   
C.  $b + 3$   
D.  $b - 7$
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- 17 An angle is  $30^\circ$  more than one-half its complement. Find the angle.
- A.  $20^\circ$   
B.  $30^\circ$   
C.  $50^\circ$   
D.  $60^\circ$
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- 18 A motion was passed by a vote of 5 : 3. what part of the votes cast was in favor of the motion?
- A.  $\frac{3}{5}$   
B.  $\frac{5}{8}$   
C.  $\frac{3}{8}$   
D.  $\frac{5}{3}$
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- 19  $2244 - 0.88 = ? \times 1122$
- A. 20.02  
B. 20.2  
C. 19.3  
D. 2.27
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- 20 Which of the following is the sum of two consecutive prime numbers ?
- A. 66  
B. 52  
C. 41  
D. 29