

NAT I Medical Quantitative

Sr	Questions	Answers Choice
1	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
2	Question Image	A. 15 B. 30 C. 45 D. 72
3	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
4	If $(36)(?)(7)=21$, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
5	Find the ratio of 18 inches to 2 yards.	A. 3/4 B. 1/4 C. 1/5 D. 2/5
6	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m
7	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
8	$0.007 \div \sqrt{0.000049}$	A. 1 B. 0.0049 C. 2 D. 7
9	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
10	A rectangular lot 50 feet by 100 feet is surrounded on all sides by a concrete walk 5 feet wide. Find the number of square feet in the surface of the walk.	A. 1600 B. 5250 C. 5500 D. 6100
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	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
13	$72/3 \div 18/6 = ?$	A. 72 B. 8 C. 18 D. 48
14	How many tens are equal to the number whose hundreds, tens, and units digits are a , b , and c , respectively ?	A. b C. $10a+b+c$
15	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5

16 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.

B. 1050
C. 1030
D. 7070

17 $72 + 679 + 1439 + 537 + ? = 4036$

A. 1309
B. 1208
C. 2308
D. 2423

18 Question Image

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

19 The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence?

A. 20
B. 400
C. 2000
D. 1000

20 $19 \times 11 + 18 \times 6 / 24 \times 3 - 62$

A. 20.7
B. 21 7/8
C. 1.47
D. 31.7