

NAT I Arts Quantitative

Sr	Questions	Answers Choice
1	How many tens are equal to the number whose hundreds, tens, and units digits are a,b,c, respectively?	A. b B. $a+1/10b+1/100c$ C. $10a+b+c$ D. $10a+b+c/10$
2	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
3	A clerk filled 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday and 66 on Friday. What was the average number of forms filled per day?	A. 50 B. 95 C. 84 D. 74
4	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%
5	How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles ?	A. 19.2 B. 12.8 C. 8.5 D. 38
6	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
7	A motion was passed by a vote of 5 : 3. what part of the votes cast was in favor of the motion?	A. $3/5$ B. $5/8$ C. $3/8$ D. $5/3$
8	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
9	A clock gains 8 minutes every x hours. How many hours will the clock gain in 3 days ?	A. $576/x$ B. $48/5x$ C. $24/x$ D. $576/5x$
10	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
11	Question Image	A. 55 B. 70 C. 110 D. 125
12	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. $25 \frac{3}{5}$ B. $5 \frac{3}{5}$ C. 20 D. 128
13	$224\sqrt{0.88} = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
14	If $x\%$ of 60 = 48, then $x=?$	A. 80 B. 60 C. 90 D. 40
15	Change $4 \frac{4}{2}$ to an improper fraction:	A. $14/3$ B. $11/3$ C. $24/3$ D. $10/3$

16 $x\sqrt{0.09} = 3$: $x = ?$

A. 10
B. 1/3
C. 1/10
D. 1

17 If $abc = 2$ and $a = c$ then $b =$

A. a^2
B. $1/2a$
C. $2/a^2$
D. $2-a^2$

18 Question Image

A. b
B. $b-180$
C. $90-b$
D. $180-b$

19 If it takes 10 minutes to walk $\frac{3}{4}$ mile, how many minutes will it take to walk the rest of the mile?

A. $2\frac{1}{3}$
B. $13\frac{1}{3}$
C. $4\frac{2}{7}$
D. 30

20 $9218 - 3546 + 2354 = ?$

A. 8026
B. 8116
C. 10410
D. 23174
