

## NAT I Arts Quantitative

Sr	Questions	Answers Choice
1	$7/3 \div 35/18 \div 54/20 = ?$	A. 49/4 B. 4/9 C. 4/63 D. 81/35
2	$(160 - 130) (270 - 240) / 2250 \div 50 = ?$	A. 4/3 B. 2/3 C. 45 D. 20
3	A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank ?	A. 300 B. 750 C. 250 $3/4$ D. 333 $1/3$
4	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
5	If 7 apples cost y cents, how many apples will x dollars buy ?	A. $x / 7y$ B. $7x / y$ C. $7x / 100y$ D. $700x / y$
6	If it takes 10 minutes to walk $3/4$ mile, how many minutes will it take to walk the rest of the mile?	A. 2 $1/3$ B. 13 $1/3$ C. 4 $2/7$ D. 30
7	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%
8	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 20
9	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
10	If a train travels $5/6$ mile in 1 $1/4$ minutes, how many miles will it travel in 1 hour ?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
11	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. How much time in minutes is needed to fill the tank if both the pipes are working together ?	A. 90 B. 90 C. 60 D. 30
12	If $abc = 2$ and $a = c$ then $b =$	A. $a^{2/2}$ B. $1/2a$ C. $2/a^{2/2}$ D. $2 - a^{2/2}$
13	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
14	A team played 30 games of which it won 24. What part of the games played did it close ?	A. 1/5 B. 5/6 C. 6/5 D. 5
15	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

16	$0.027\sqrt{90} = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
17	12 is $\frac{3}{4}$ of what number ?	A. 20 B. 24 C. 16 D. 8
18	$\frac{3}{4}$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
19	$(580 \times 12) - (645 \times 5) / 50 \times 10 = ?$	A. 7.47 B. 3725 C. 74.7 D. 4450
20	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