

NAT I Arts Quantitative

Sr	Questions	Answers Choice
1	Question Image	A. 30 B. 39 C. 80 D. 78
2	Question Image	A. 41 ^O B. 65 ^O C. 115 ^O D. 106 ^O
3	If $(x+1/x)^2=96$ what is the value of $x^2 + 1/x^2$?	A. 94 B. 98 C. 100 D. 90
4	If p is a negative integer and P^2 + 11p = t, a value of t could be	A. 12 B. 18 C18 D. 11
5	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
6	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
7	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
8	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%
9	What part of an hour elapses between 10:45 a.m. and 11:09 a.m.?	A. 2/5 B. 3/5 C. 11/12 D. 2
10	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
11	$(60)^2 = ?x72$	A. 3600 B. 3528 C. 0.02 D. 50
12	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
13	Question Image	A. b-180 B. b-90 C. 180-a/2 D. 180-a
14	1 3/4 - 1 3/5 =?	A. 0.16 B. 0.2 C. 0.15 D. 13/20
15	Find the ratio of 18 inches to 2 yards.	A. 3/4 B. 1/4 C. 1/5 D. 2/5

16	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5
17	Find the value of x if $3:b=x:c$.	
18	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. 19.0 B. 12.8 C. 8.5 D. 38
19	The average of x,y,z and 40 is 10. What is the average of x,y, adn z.	A. 10 B. 0 C. 2 D. 15
20	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m