

NAT I Arts Quantitative

Sr	Questions	Answers Choice
1	An angle is $30^{\rm O}$ more than one-half its complement. Find the angle.	A. 20 ^o B. 30 ^o C. 50 ^o D. 60 ^o
2	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
3	Dave is twice as old as Bob, who is 3 years older than steve. If Steve is 4a years old, Dave's age is:	A. 8a B. 22a C. 14a D. 8a+6
4	A man has Rs. 2000, and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
5	Find the value of x if $3:b=x:c$.	
6	A clock gain 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
7	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
8	19 x 11 +18 x 6 / 24x3 - 62	A. 20.7 B. 21 7/8 C. 1.47 D. 31.7
9	Question Image	A. 20 B. 25 C. 40 D. 50
10	One half of the employees of Al Karim Co. earn salaries above Rs. 18,000 monthly. One third of the remainder earn salaries between Rs. 15,000 and Rs. 18,000. What part of the staff earns below Rs. 15,000 ?	A. 2/3 B. 1/3 C. 2/5 D. 3/5
11	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
12	Question Image	A. 55 B. 70 C. 110 D. 125
13	$x\sqrt{0.09} = 3: x = ?$	A. 10 B. 1/3 C. 1/10 D. 1
14	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
15	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
16	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 ouncres of milk, how many ounces of candy mixture can you make?	A. 25 3/5 B. 5 3/5 C. 20

		D. 128
17	1.02 - 0.02 + ? = 1.842	A. 0.222 B. 0.842 C. 2 D. None
18	Four people are asked to stand in a straight line. In how many different orders can they line up?	A. 12 B. 16 C. 24 D. 6
19	If p is a negative integer and P^2 + 11p = t, a value of t could be	A. 12 B. 18 C18 D. 11
20	Z + 1/Z =2 ; Z =?	A. 2 B. 1 C. 1/2 D. 1 1/2