

## NAT I Arts Quantitative

Sr	Questions	Answers Choice
1	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10
2	$1764 \div 17.64 / 0.5$	A. 100 B. 20 C. 0.2 D. 200
3	Question Image <input type="text"/>	A. 20 B. 25 C. 40 D. 50
4	A and B can do a job in 6 day. If A do the job alone he takes 10 days. What will be the time required by B to complete the job alone ?	A. 8 B. 6 C. 15 D. 3
5	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
6	Find the ratio of 18 inches to 2 yards.	A. $\frac{3}{4}$ B. $\frac{1}{4}$ C. $\frac{1}{5}$ D. $\frac{2}{5}$
7	The average of x, y, z and 40 is 10. What is the average of x, y, and Z.	A. 10 B. 0 C. 2 D. 15
8	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
9	If $(36)(?)(7)=21$ , then ? equals	A. $\frac{21}{43}$ B. $\frac{1}{42}$ C. $\frac{1}{12}$ D. $\frac{1}{11}$
10	$Ay-b=c, dy$ what is 'y' in terms of 'a', 'b' and 'c'?	A. $\frac{(c+b)}{(a+d)}$ B. $\frac{(c-b)}{(a+d)}$ C. $\frac{(c-b)}{(a+d)}$ D. $\frac{(c+b)}{(a-d)}$
11	If $(p-3)(p+5) > (p-3)(p+8)$ , what is the best description of p ?	A. $p = 3$ B. $-8 < p < -5$ C. $p = \{ \text{ \&nbsp; } \}$ D. $p < 3$
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	If $3x+5y=10$ and $3y+5x=30$ then average if 'x' and 'y' is?	A. $\frac{3}{2}$ B. 4 C. $\frac{5}{2}$ D. $\frac{7}{2}$
14	t is an integer greater than 5. The expression that must represent an odd integer is	A. $t(t+1)$ B. $3t-1$ C. $t^2+2$ D. $2t-3$
15	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600

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16	If 7 apples cost $y$ cents, how many apples will $x$ dollars buy?	A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700xy$
17	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
18	The average height of five men is 68 inches. If one man is 70 inches tall and three other have an average of 67 inches, the height of the fifth man, in inches, is:	A. 68 B. 69 C. 70 D. 71
19	If a man's weekly salary is $\$X$ and he saves $\$Y$ , what part of his weekly salary does he spend?	
20	Out of the 44 boys in a class 9 are of the age of 10, 15 at the age of 9, and the rest are at the age of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35

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