

NAT I General Science Quantitative

Sr	Questions	Answers Choice
1	Question Image <input type="text"/>	A. 24 B. $12\sqrt{2}$ C. $16\sqrt{2}$ D. 48
2	If $abc = 2$ and $a = c$ then $b =$	A. $a^{\sup>2\</sup>}$ B. $1/2a$ C. $2/a^{\sup>2\</sup>}$ D. $2-a^{\sup>2\</sup>}$
3	A motion was passed by a vote of 5 : 3. what part of the votes cast was is favor of the motion?	A. $3/5$ B. $5/8$ C. $3/8$ D. $5/3$
4	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
5	Question Image <input type="text"/>	A. 50 m B. 64 m C. 72 m D. 84 m
6	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. $250 \frac{3}{4}$ D. $333 \frac{1}{3}$
7	$7/3 \div 35/18 \div 54/20 = ?$	A. $49/4$ B. $4/9$ C. $4/63$ D. $81/35$
8	$11/3 + 8/3 + 17/3$	A. 14 B. 12 C. 11 D. 15
9	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. $8a+6$
10	t is an integer greater than 5. The expression that must represent an odd integer is	A. $t(t+1)$ B. $3t-1$ C. $t^{\sup>2\</sup>}$ D. $2t-3$
11	$x\sqrt{0.09} = 3$: $x = ?$	A. 10 B. $1/3$ C. $1/10$ D. 1
12	Find the ratio of 18 inches to 2 yards.	A. $3/4$ B. $1/4$ C. $1/5$ D. $2/5$
13	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
14	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
15	The value of $(x+y)^2 + (x-y)^2$ is?	A. 4 B. $2(x^{\sup>2\</sup>}+y^{\sup>2\</sup>})$ C. $4xy$ D. $-4xy$

16	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
17	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
18	If $x + 2y = 11$ and $x + y = 10$ the value of y is:	A. 1 B. 2 C. 3 D. 4
19	The value of $\{0.5^4 - 0.4^4\} / \{0.5^2 + 0.4^2\}$ is?	A. 0.9 B. 0.09 C. 0.19 D. 0.31
20	$3/4$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
