

Quantitative Reasoning Algebra Test For Nat

Sr	Questions	Answers Choice
1	Find the ratio of 18 inches to 2 yards.	A. 3/4 B. 1/4 C. 1/5 D. 2/5
2	The value of $(x+y)^2 - (x-y)^2$ is?	A. 4 B. x^2+y^2 C. $4xy$ D. $-4xy$
3	If $(36)(?)(7)=21$, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
4	Find the sum of money, 11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
5	$x + y = 17$ and $x=2$, then value of y ?	A. 13 B. 15 C. 19 D. 10
6	In Myra had bowling scores of $b+6$, $b-2$, $b+4$, and $b-5$. what must she score in the next game to get overall average of $b+2$?	A. $b+7$ B. $b-3$ C. $b+3$ D. $b-7$
7	If $x + 3y = 7$ and $2x + y = 5$ then value x/y is?	A. 1/2 B. 1/3 C. 2/5 D. 8/9
8	t is an integer than 5. The expression that must represent an odd integer is:	A. $1(t+1)$ B. $9t-1$ C. t^2 D. $2t-3$
9	If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours?	A. 8000 B. 9000 C. 300 D. 900
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^2 D. $2t-3$
11	A man spent 10% of his money .After spending 60% of the remainder he has Rs.72 left. How much had he in the start?	A. 10 B. 100 C. 200 D. 400
12	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. $8a+6$
13	If it takes 10 minutes to walk $3/4$ mile, how many minutes will it take to walk the rest of the mile?	A. $2 \frac{1}{3}$ B. $13 \frac{1}{3}$ C. $4 \frac{2}{7}$ D. 30
14	If $4x-y=13$ and $3x-2y=7$ then what is the average of ' x ' and ' y '?	A. 4 B. 3 C. 2 D. 6
15	If $3 \frac{1}{5} c = 2 \frac{1}{2} b$ and $c \neq 0$, then $b/c = ?$	A. 25/32 B. 7/8 C. 32/25 D. 11/10

16	<p>The death rates for three diseases are :</p> <p>Disease R 2 People out of 10,000</p> <p>Disease S 13 People out of 1,000,000</p> <p>Disease T 9 People out of 100,000</p> <p>Disease R 2 People out of 10,000</p> <p>What is the combined death rate for the three diseases?</p>	<p>A. 123 out of 1,000,000</p> <p>B. 42 out of 10,000</p> <p>C. 42 out of 1000,000</p> <p>D. 303 out of 1,000,000</p>
17	<p>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 of 8. Find their average age.</p>	<p>A. 7.85</p> <p>B. 8.75</p> <p>C. 12.2</p> <p>D. 14.35</p>
18	<p>If $abc = 2$ and $a = c$ then $b =$</p>	<p>A. a^2</p> <p>B. $1/2a$</p> <p>C. $2/a^2$</p> <p>D. $2-a^2$</p>
19	<p>What is the number , 5% of which is 10?</p>	<p>A. 200</p> <p>B. 100</p> <p>C. 50</p> <p>D. 10</p>
20	<p>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?</p>	<p>A. 50</p> <p>B. 95</p> <p>C. 84</p> <p>D. 74</p>