

Quantitative Reasoning Algebra Test For Nat

Sr	Questions	Answers Choice
1	If p is a negative integer and $P^2 + 11p = t$, a value of t could be	A. 12 B. 18 C. -18 D. 11
2	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
3	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
4	The average height of a class of 14 days is 5.3 feet. After new boy is admitted to the class, the new average 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
5	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
6	A man bought 27 packets of Chilli Milli at \$280 each, 9 packets of Chilli Milli at \$320 each and 6 packets of Chilli Milli at \$360 each. Find the average price per packet of Chilli Milli.	A. \$250 B. \$300 C. \$400 D. \$380
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	If $abc = 2$ and $a = c$ then $b =$	A. a^2 B. $1/2a$ C. $2/a^2$ D. $2-a^2$
9	If $(36)(?)(7) = 21$, then ? equals	A. $21/43$ B. $1/42$ C. $1/12$ D. $1/11$
10	Find the value of x if $3:b = x:c$.	A. $3b/c$ B. $c/3b$ C. $2c/3b$ D. $3c/b$
11	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
12	One-sixth of a day is what part of the time between 3 p.m. Monday and 3 p.m. Thursday of the same week?	A. $1/10$ B. $1/18$ C. $1/15$ D. $1/12$
13	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. $2t-3$
14	If apples cost 3 for 37 cents. find the cost of $1 \frac{3}{4}$ dozen apples.	A. 111 cents B. 159 cents C. 111 cents D. 159 cents

		<p>C. 259 cents</p> <p>D. 211 cents</p>
15	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 $b+2$?	<p>A. $b+7$</p> <p>B. $b-3$</p> <p>C. $b+3$</p> <p>D. $b-7$</p>
16	A clock gain 8 minutes every x hours. How many hours will the clock gain in 3 days?	<p>A. $576/x$</p> <p>B. $48/5x$</p> <p>C. $24/x$</p> <p>D. $576/5x$</p>
17	If you have 50 green, 50 orange, and 50 yellow jelly beans, how many bags can you fill for Halloween each containing 2 green, 3 orange, and 4 yellow jelly beans ?	<p>A. 12</p> <p>B. 13</p> <p>C. 16</p> <p>D. 17</p>
18	<div>Question Image</div>	<p>A. $25/32$</p> <p>B. $7/8$</p> <p>C. $32/25$</p> <p>D. $11/10$</p>
19	If it takes 10 minutes to walk $3/4$ mile, how many minutes will it take to walk the rest of the mile?	<p>A. $2\frac{1}{3}$</p> <p>B. $13\frac{1}{3}$</p> <p>C. $4\frac{2}{7}$</p> <p>D. 30</p>
20	A man has Rs.2000 and spends 18% of it. What money has he left now?	<p>A. 3600</p> <p>B. 820</p> <p>C. 1640</p> <p>D. 4000</p>