

Quantitative Reasoning Algebra Test For Nat

Sr	Questions	Answers Choice
1	A word processing operator typed 44 words per minute. After practice, the operator's speed increased to 55 words per minutes. By what percent did the operator's speed increase?	A. 25% B. 50% C. 15% D. 20%
2	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. $11/10$
3	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
4	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52 C. 41 D. 29
5	If 7 apples cost y cents, how many apples will x dollars buy?	A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700x/y$
6	If 'x' and 'y' are positive and $1/x = 3 + 1/y$ is 'x' greater than 'y'?	A. Yes B. No C. It cannot be determined D. They are equal
7	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
8	If Myra had bowling scores of b + 6, b - 2, b + 4, and b - 5, what must she score in the next game to get an overall average of b + 2?	A. b + 7 B. b - 3 C. b + 3 D. b - 7
9	Ay-b=c, dy what is 'y' in terms of 'a', 'b' and 'c'?	A. $(c+b) / (a+d)$ B. $(c-b) / (a+d)$ C. $(c-b) / (a+d)$ D. $(c+b) / (a-d)$
10	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
11	When $3x^2 + 5x + 7$ is subtracted from $x^2 + 8x + 3$ the result is?	A. $5x^2 - 3x + 4$ B. $3x^2 - 2x - 4$ C. $x^2 + 8x + 10$ D. $11x^2 + 3x + 10$
12	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
13	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
14	A man opens a bookstall with a capital of Rs.25000. In three months his capital amounts to	A. 1% B. 10% C. 100%

	rupees 2/500. What is the increase percent?	C. 20% D. 7%
15	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
16	If $(36)(?)(7)=21$, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
17	If $3x+5y=10$ and $3y+5x=30$ then average if 'x' and 'y' is?	A. 3/2 B. 4 C. 5/2 D. 7/2
18	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
19	The average height of five men is 68 inches. If one man is 70 inches tall and three others have an average of 67 inches, the height of the fifth man, in inches, is	A. 68 B. 69 C. 70 D. 71
20	The value of $x^2 + 5x + 6$ at $x=2$ is:	A. 10 B. 14 C. 18 D. 20