

NAT I Computer Science Quantitative

Sr	Questions	Answers Choice
1	$(60)^2 = ? \times 72$	A. 3600 B. 3528 C. 0.02 D. 50
2	Find the ratio of 18 inches to 2 yards.	
3	$x\sqrt{0.09} = 3: x = ?$	A. 10 B. 1/3 C. 1/10 D. 1
4	The population of a city increased in two years from 25,000 to 30,000: find the increase percent during the time.	A. 10% B. 20% C. 40% D. 5%
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 20 B. 25 C. 40 D. 50
6	$x + y = 17$ and $x = 2$, then value of y ?	A. 13 B. 15 C. 19 D. 10
7	How many cents will r books cost if t books cost m dollars ?	
8	$19 \times 11 + 18 \times 6 / 24 \times 3 - 62$	A. 20.7 B. 21 7/8 C. 1.47 D. 31.7
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 30 B. 39 C. 80 D. 78
10	$Ay - b = c - dy$ what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. 38/2 C. 38/3 D. 38/5
11	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. $b - 7$
12	If $(p-3)(p+4) > (p-3)(p+8)$, what is the best description of p ?	A. $p=3$ B. $-8 < p < -5$ C. $p = \{ \}$ D. $p < 3$
13	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. how much time in minutes is needed to fill the tank if both the pipes are working together?	A. 90 B. 50 C. 60 D. 30
14	A factory employs M men and W women. What part of its employees are women ?	A. $W/(W+M)$ B. W/M C. $(W+M)/M$ D. M/W
15	If the sum of the interior angles of a regular polygon measures up to 1440 degrees, how many sides does the polygon have ?	A. 10 sides B. 8 sides C. 12 sides D. 9 sides
16	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 3/5 D. 333 1/3

- 17 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
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- 18 The death rates for three diseases are :
Disease R 2 People out of 10,000
Disease S 13 People out of 1,000,000
Disease T 9 People out of 100,000
Disease R 2 People out of 10,000
What is the combined death rate for the three diseases?
- A. 123 out of 1,000,000
B. 42 out of 10,000
C. 42 out of 1000,000
D. 303 out of 1,000,000
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- 19 
- A. 40
B. 50
C. 120
D. 130
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- 20 $2.08 - (0.5)^2 = ?$
- A. -1.20
B. 1.88
C. 1.83
D. 2.16