

NAT I Computer Science Quantitative

Sr	Questions	Answers Choice
1	Find the value of x if $3 : b = x : c$.	
2	If a train travels $\frac{5}{6}$ mile in $1 \frac{1}{4}$ minutes, how many miles will it travel in 1 hour ?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
3	Find the ratio of 18 inches to 2 yards.	
4	If the ratio of $x : y$ is $9 : 7$, then $x+y$ is	A. 16 B. 2 C. 1 D. None
5	A motion was passed by a vote of $5 : 3$. what part of the votes cast was in favor of the motion?	A. $\frac{3}{5}$ B. $\frac{5}{8}$ C. $\frac{3}{8}$ D. $\frac{5}{3}$
6	A factory employs M men and W women. What part of its employees are women ?	A. $\frac{W}{(W+M)}$ B. $\frac{W}{M}$ C. $\frac{(W+M)}{M}$ D. $\frac{M}{W}$
7	A piece of fabric is cut into three sections so that the first is three times as long as the second and the second is three times as long as the third. What part of the entire piece is the smallest section ?	A. $\frac{2}{5}$ B. $\frac{3}{7}$ C. $\frac{2}{3}$ D. $\frac{1}{13}$
8	12 is $\frac{3}{4}$ of what number ?	A. 20 B. 24 C. 16 D. 8
9	David receives his allowance on Sunday. He spends $\frac{1}{4}$ of his allowance on Monday and $\frac{2}{3}$ of the remainder on Tuesday. What part of his allowance is left for the rest of the week ?	A. $\frac{2}{3}$ B. $\frac{4}{5}$ C. $\frac{6}{7}$ D. $\frac{1}{4}$
10	One half of the employees of Al Karim Co. earn salaries above Rs. 18,000 monthly. One third of the remainder earn salaries between Rs. 15,000 and Rs. 18,000. What part of the staff earns below Rs. 15,000 ?	A. $\frac{2}{3}$ B. $\frac{1}{3}$ C. $\frac{2}{5}$ D. $\frac{3}{5}$
11	What part of an hour elapses between 10:45 a.m. and 11:09 a.m. ?	A. $\frac{2}{5}$ B. $\frac{3}{5}$ C. $\frac{11}{12}$ D. 2
12	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
13	A team played 30 games of which it won 24. What part of the games played did it close ?	A. $\frac{1}{5}$ B. $\frac{5}{6}$ C. $\frac{6}{5}$ D. 5