

## NAT II Management Science Quantitative

Sr	Questions	Answers Choice
1	If $x + 3y = 7$ and $2x + y = 5$ then $x/y$ is?	A. 1/2 B. 1/3 C. 2/5 D. 8/9
2	The population of a city increased in two years from 25,000 to 30,000; find the percent increase during the time.	A. 10% B. 20% C. 40% D. 5%
3	A clerk filed 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 filed per day?	A. 50 B. 95 C. 84 D. 74
4	A team played 30 games of which it won. What part of the games played did it loss?	A. 1/5 B. 5/6 C. 6/5 D. 5
5	David receives his allowance in Sunday. He spends 1/4 of his allowance on Monday and 2/3 of the remainder on Tuesday. What part of his allowance is left for the rest week?	A. 2/3 B. 4/5 C. 6/7 D. 1/4
6	David receives his allowance on Sunday. He spends 1/4 of his allowance on Monday and 2/3 of the remainder on Tuesday. What part of his allowance is left for the rest of the week?	A. 2/3 B. 4/5 C. 6/7 D. 1/4
7	A motion was passed by a vote of 5: 3. What part of the votes cast was in favor of the motion?	A. 3/5 B. 5/8 C. 3/8 D. 5/3
8	If a man's weekly salary is \$X and saves \$Y. What part of his weekly salary does he spend?	A. X/Y B. X-Y/X C. Y-X/X D. x-y
9	Question Image <input style="width: 200px; height: 20px;" type="text"/>	A. 1.425 B. 1.585 C. 1.330 D. 0.750 E. 1.750
10	The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence?	A. 20 B. 400 C. 2000 D. 1000
11	If $3(p + 5q) = 24$ , then what is the value of q, when $p = 3$ ?	A. 1 B. 5 C. 9 D. 3 E. 7
12	The circumference of a circle whose diameter is 6 inches is approximately	A. 22 inches B. 19 inches C. 14 inches D. 38 inches E. 16 inches
13	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
14	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 10
		A. 24%

15	Successive discounts of 10% and 15% is equivalent to a single discount of	B. 24.5% C. 23.5% D. 22% E. 25%
16	$(242 - 17)^2 - (7 - 5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
17	$x\sqrt{0.09} = 3; x = ?$	A. 10 B. 1/3 C. 1/10 D. 1
18	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
19	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
20	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. $M/W$