

NAT II Management Science Quantitative

Sr	Questions	Answers Choice
SI	Questions	
1	If the area of rectangle is 12, then its perimeter is	A. 6 B. 7 C. 8 D. 12 E. Cannot be determined from the given information
2	$2 \times 12 = 75\% \text{ of } 336$	A. 48 B. 252 C. 28 D. 21
3	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
4	What part of an hour elapses between 10: 45 a.m and 11:09 a.m?	A. 2/5 B. 3/5 C. 11/12 D. 2
5	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed below to plow the field in 5 hours?	A. 32 B. 4 C. 16 D. 8
6	25 % of $4 \div 4\%$ of $25 = ?$	A. 1 B. 3 C. 0 D. 67
7	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 determind D. They are equal
8	Question Image	A. 1.425 B. 1.585 C. 1.330 D. 0.750 E. 1.750
9	The area of the circle is 16π . The length of the diameter of the circle is	A. 2 B. 32 C. 4 D. 16 E. 8
10	If x % of 60 = 48, then x = ?	A. 80 B. 60 C. 90 D. 40
11	One half of the employs of Al Karim Co. earn salaries sabove Rs.18,000 monthly. One third of the reminder earn salaries between Rs.15,000 and Rs.18,000. What part of the staff earns below Rs.15,000?	A. 2/3 B. 1/3 C. 2/5 D. 3/5
12	If 2x + y = 11 and 3x + 2y = 17 then y is?	A. 1 B. 5 C. 6 D. 4
		A. 31 B. 41
13	x ² = 1681, x = ?	C. 51 D. 61
14	15% of 32 equal	A. 3.80 B. 2.50 C. 4.80 D. 4 E. 5

15	The value of (x + y)2+ (x - y)2is?	A. 4 B. 2(x2+ y2) C. 4xy D4xy
16	1.02 - 0.02 + ? = 1.842	A. 0.222 B. 0.842 C. 2 D. None
17	If p = 2, then $3^p + (p^3)^2 =$	A. 18 B. 45 C. 42 D. 70 E. 73
18	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
19	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
20	When 3x2+ 5x + 7 is subtracted from x2+ 8x + 3 the result is?	A. 5x2- 3x + 4 B. 3x- 2x2 - 4 C. x2+ 8x + 10 D. 11x2- 3x + 10