

## NAT II Management Science Quantitative

Sr	Questions	Answers Choice
1	A and B can do in 6 days. If A does the job alone he takes 10 days. What will be the time required by B to complete the job alone?	A. 8 B. 6 C. 15 D. 3
2	$(242 - 17)^2 - (7 - 5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
3	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
4	Mr. Kashif got an average of 50 in 6 tests. What should he get in the next to attain the average of 60?	A. 120 B. 60 C. 100 D. 70
5	The average height of a class of 14 boys 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
6	$350 - 96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
7	When $3x^2 + 5x + 7$ is subtracted from $x^2 + 8x + 3$ the result is?	A. $5x^2 - 3x + 4$ B. $3x - 2x^2 - 4$ C. $x^2 + 8x + 10$ D. $11x^2 - 3x + 10$
8	What is the percent profit made on the sale of 1000 shares of stock bought at Rs. 10 per share and sold at Rs. 12 per share?	A. 2% B. 0.2% C. 25% D. 20% E. 41%
9	$\frac{2}{3} \times 12 =$	A. 4 B. 6 C. 8 D. 10 E. 18
10	A man has Rs. 2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
11	$0.027 \div 90 = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
12	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
13	If a man's weekly salary is \$X and saves \$Y. What part of his weekly salry does he spend?	A. XY B. X-Y/X C. Y-X/X D. x-y
14	If $x + 2y = 11$ and $x + y = 10$ the value of y is?	A. 1 B. 2 C. 3 D. 4
15	$.007 \div \sqrt{.000049}$	A. 1 B. .0049 C. 2 D. 2

		D. 7
16	15% of 32 equal	A. 3.80 B. 2.50 C. 4.80 D. 4 E. 5
17	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 below Rs. 15,000?	A. 2/3 B. 1/3 C. 2/5 D. 3/5
18	$9218 - 3546 + 2354 = ?$	A. 8026 B. 8116 C. 10410 D. 23174
19	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
20	12 is $\frac{3}{4}$ of what number?	A. 20 B. 24 C. 16 D. 8