

NAT II Physical Science Quantitative

Sr	Questions	Answers Choice
1	In a school there are 400 students, of whom 70% are boys. What is the number of girls?	A. 120 B. 200 C. 280 D. 2800
2	A man has Rs. 2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
3	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
4	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 10
5	What is the number, 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
6	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
7	How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles?	A. 19.2 B. 12.8 C. 8.5 D. 38
8	If 'x' and 'y' are positive and $\frac{1}{x} = 3 + \frac{1}{y}$ is 'x' greater than 'y'?	A. Yes B. No C. It cannot be determind D. They are equal
9	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
10	If $x = 7y + 3$ and $z = 49y^2$ then what is 'z' in terms of x?	A. x^2 B. $x^2 - 3$ C. $(x - 3)^2/7$ D. None