

NAT II Management Science Quantitative

Sr	Questions	Answers Choice
1	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
2	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
3	If $x\%$ of 60 = 48, then $x = ?$	A. 80 B. 60 C. 90 D. 40
4	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
5	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%
6	$1/x = 1/y + 1/z$ then 'x' in terms of 'y' and 'z' is given by?	A. $(y + z) / (y-z)$ B. $yz/(y + z)$ C. $(y + z)/yz$ D. $1/z - 1/y$
7	$x + y = 17$ and $x = 2$ then value of y?	A. 13 B. 15 C. 19 D. 10
8	A team played 30 games of which it won. What part of the games played did it lose?	A. 1/5 B. 5/6 C. 6/5 D. 5
9	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
10	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
11	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
12	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 10
13	A team played 30 games of which it won. What part of the games played did it lose?	A. 1/5 B. 5/6 C. 6/5 D. 5
14	Which of the following is closest to the square root of 1/2?	A. 0.7 B. 0.6 C. 0.8 D. 0.25 E. 0.5
15	If $x + 2y = 11$ and $x + y = 10$ the value of y is?	A. 1 B. 2 C. 3 D. 4

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- 16 $9218 - 3546 + 2354 = ?$
- A. 8026
B. 8116
C. 10410
D. 23174
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- 17 12 is $\frac{3}{4}$ of what number?
- A. 20
B. 24
C. 16
D. 8
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- 18 The average (arithmetic mean) of $8a + 5$, $-3a$, 9, 0 and $7a - 2$?
- A. $3a + 1$
B. $3a + 3$
C. $4a + 1$
D. $4a + 4$
E. $12a + 12$
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- 19 $(190)^2 - (150)^2 = ?$
- A. 58600
B. 13600
C. 1360
D. 1600
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- 20 $350 - 96 \div 18 = ?$
- A. 318
B. -132
C. 328
D. 232
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