

## NAT I Arts Quantitative

Sr	Questions	Answers Choice
1	A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank?	A. 300 B. 750 C. 250 3/5 D. 333 1/3
2	The value of $x^2 + 5x + 6$ at $x=2$ is:	A. 10 B. 14 C. 18 D. 20
3	Mr.Kashif got an average of 50 in 6 tests. What should he get in the next test to attain the average of 60?	A. 120 B. 60 C. 100 D. 70
4	$(242 - 17)^2 - (7-5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
5	If apples cost 3 for 37 cents, find the cost of 1 3/4 dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents
6	If $a^2 - b^2 = 36$ and $a-b = 12$ then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. 3/2
7	$72/3 \div 18/6 = ?$	A. 72 B. 8 C. 18 D. 48
8	$x + y = 17$ and $x=2$ , then value of $y$ ?	A. 13 B. 15 C. 19 D. 10
9	A team played 30 games of which it won 24. What part of the games played did it close ?	A. 1/5 B. 5/6 C. 6/5 D. 5
10	The average of $x$ , $y$ , $z$ and 40 is 10. What is the average of $x$ , $y$ , and $z$ ?	A. 10 B. 0 C. 2 D. 15
11	Out of the 44 boys in a class 9 are of the age of 10, 15 at the age of 9, and the rest are at the age of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
12	$19 \times 11 + 18 \times 6 / 24 \times 3 - 62$	A. 20.7 B. 21 7/8 C. 1.47 D. 31.7
13	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
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15	The average height of five men is 68 inches. If one man is 70 inches tall and three other have an average of 67 inches, the height of the fifth man, in inches, is:	A. 68 B. 69 C. 70 D. 71

16 Question Image

A. 30  
B. 39  
C. 80  
D. 78

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17  $7 \times 21 \div 3 + 3 \div 8 \div 4 \times 2$

A. 13  
B. 17  
C. 31  
D. 1

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18 If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours?

A. 32  
B. 4  
C. 16  
D. 8

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19 A man has Rs. 2000, and spends 18% of it. What money has he left now ?

A. 3600  
B. 820  
C. 1640  
D. 4000

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20 If  $2x + y = 11$  and  $3x + 2y = 17$  then y is?

A. 1  
B. 5  
C. 6  
D. 4

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