

## NAT I Commerce Quantitative

Sr	Questions	Answers Choice
1	If apples cost 3 for 37 cents, find the cost of 1 3/4 dozen apples.	A. 111 cents B. 159 cents <b>C. 259 cents</b> D. 211 cents
2	$9218 - 3546 + 2354 = ?$	<b>A. 8026</b> B. 8116 C. 10410 D. 23174
3	Question Image	A. a B. 90-a C. $180-a/2$ <b>D. 180-a</b>
4	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. how much time in minutes is needed to fill the tank if both the pipes are working together?	A. 90 B. 50 C. 60 <b>D. 30</b>
5	$(160 - 130)(270 - 240) / 2250 \div 50 = ?$	A. $4/3$ B. $2/3$ C. 45 <b>D. 20</b>
6	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 <b>D. 50</b>
7	If $(p-3)(p+5) > (p-3)(p+8)$ , what is the best description of $p$ ?	A. $p = 3$ B. $-8 < p < -5$ C. $p = \{ \text{ and } \}$ <b>D. <math>p &lt; 3</math></b>
8	Question Image	A. 20 B. 25 C. 40 <b>D. 50</b>
9	If $x=7y+3$ and $z=49y^2$ then what is 'z' in terms of x?	A. $x^2$ B. $x^{2/3}$ <b>C. <math>(x-3)^{2/3}</math></b> D. None
10	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900.	A. 1200 B. 1050 <b>C. 1030</b> D. 7070
11	Question Image	A. 50 m B. 64 m <b>C. 72 m</b> D. 84 m
12	If $3 \frac{1}{5} c = 1 \frac{1}{2} b$ and $c \neq 0$ , then $b/c = ?$	A. $25/32$ B. $7/8$ <b>C. <math>32/25</math></b> D. $11/10$
13	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 <b>C. 300</b> D. 20
14	Question Image	A. $41 \times 10$ B. $65 \times 10$ <b>C. <math>115 \times 10</math></b> D. $106 \times 10$
15	$816 - 288 \div 24 = ?$	A. 22 B. 828 C. 528 <b>D. 804</b>

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16 If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. How much time in minutes is needed to fill the tank if both the pipes are working together ?  
A. 90  
B. 90  
C. 60  
D. 30

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17 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

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18 If  $p$  is a negative integer and  $P^2 + 11p = t$ , a value of  $t$  could be  
A. 12  
B. 18  
C. -18  
D. 11

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19 If  $abc = 2$  and  $a = c$  then  $b =$   
A.  $a^{<sup>2</sup>}$   
B.  $1/2a$   
C.  $2/a^{<sup>2</sup>}$   
D.  $2-a^{<sup>2</sup>}$

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20 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

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