

NAT I General Science Quantitative

Sr	Questions	Answers Choice
1	If $x=7y+3$ and $z=49y^2$ then what is 'z' in terms of x?	A. X2 B. x^2-3 C. $(x-3)^2-7$ D. None
2	A man spent 10% of his money. After spending 60% of the remainder he has Rs. 72 left. How much had he in the start ?	A. 10 B. 100 C. 200 D. 400
3	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
4	What is the number , 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
5	If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours ?	A. 8000 B. 9000 C. 300 D. 900
6	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
7	A clock gain 8 minutes every x hours. How many hours will the clock gain in 3 days ?	A. $576/x$ B. $48/5x$ C. $24/x$ D. $576/5x$
8	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
9	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%
10	$0.027\sqrt{90} = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
11	Question Image <input type="text"/>	A. 55 B. 70 C. 110 D. 125
12	$350 - -96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
13	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
14	If $3x+5y=10$ and $3y+5x=30$ then average if 'x' and 'y' is?	A. $3/2$ B. 4 C. $5/2$ D. $7/2$
15	If apples cost 3 for 37 cents, find the cost of $1 \frac{3}{4}$ dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents
		A. 20^0 B. -

- 16 An angle is 30° more than one-half its complement. Find the angle.
B. 30°
C. 50°
D. 60°
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- 17 $1764 \div 17.64 \div 0.5$
A. 100
B. 20
C. 0.2
D. 200
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- 18 If $(36)(?)(7)=21$, then ? equals
A. $21/43$
B. $1/42$
C. $1/12$
D. $1/11$
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- 19 A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup, 2 parts sugar, and 1 part butter. If you use 8 ounces of milk, how many ounces of candy mixture can you make?
A. $25 \frac{3}{5}$
B. $5 \frac{3}{5}$
C. 20
D. 128
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- 20 $(160 - 130)(270 - 240) \div 2250 \div 50 = ?$
A. $4/3$
B. $2/3$
C. 45
D. 20