

NAT I General Science Quantitative

Sr	Questions	Answers Choice
1	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
2	25% of 4÷ 4% of 25 =?	A. 1 B. 3 C. 0 D. 6
3	Question Image	A. 41 ^O B. 65 ^O C. 115 ^O D. 106 ^O
4	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
5	The value of $(x+y)^2 + (x-y)^2$ is?	A. 4 B. 2(x ² +y ²) C. 4xy D4xy
6	If $2x + y + b11$ nad $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4
7	√256÷√64=?	A. 1/4 B. 26/8 C. 16 D. 4
8	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
9	A man opens a bookstall with a capital of Rs.25000. In three months his capital amounts to rupees 27500. What is the increase percent?	A. 1% B. 10% C. 20% D. 7%
10	David receives his allowance on Sunday. He spends 1/4 of his allowance on Monday and 2/3 of the remainder on Tuesday. What part of his allowance is left for the rest of the week ?	A. 2/3 B. 4/5 C. 6/7 D. 1/4
11	35096÷18 =?	A. 318 B132 C. 328 D. 232
12	√?/16 = 0.5	A. 8 B. 12 C. 32 D. 64
13	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%
14	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
15	If abc = 2 and a =c then b=	A. a ² B. 1/2a C. 2/a ² D. 2-a ²

16	If 7 apples cost y cents, how many apples will x dollars buy ?	A. x / 7y B. 7x / y C. 7x / 100y D. 700x / y
17	$(242 - 17)^2 - (7-5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
18	If 3 1/5 c=2 1/2 b and c≠0, then b/c=?	A. 25/32 B. 7/8 C. 32/25 D. 11/10
19	Dave is twice as old as Bob, who is 3 years older than Steve. If Steve is 4a years old, Dave's age is	A. 8a B. 22a C. 14a D. 8a + 6
20	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