

NAT I General Science Quantitative

Sr	Questions	Answers Choice
1	Find the ratio of 18 inches to 2 yards.	
2	Question Image	A. 30 B. 39 C. 80 D. 78
3	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 of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
4	One-sixth of a day is what part of the time between 3 p.m. Monday and 3 a.m. Thursday of the same week?	A. 1/10 B. 1/18 C. 1/15 D. 1/12
5	If 'x' and 'y' are positive and $1/x = 3 + 1/y$ is 'x' greater than 'y'?	A. Yes B. No C. It cannot be determined D. They are equal
6	How many integers between 28 and 98 are exactly divisible by 7 ?	A. 9 B. 11 C. 12 D. 8
7	If $(x + 1/x)^2 = 96$ what is the value of $x^2 + 1/x^2$?	A. 94 B. 98 C. 100 D. 90
8	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%
9	$19 \times 11 + 18 \times 6 / 24 \times 3 - 62$	A. 20.7 B. $21 \frac{7}{8}$ C. 1.47 D. 31.7
10	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
11	$0.027 \sqrt{90} = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
12	If x% of 60 = 48, then x = ?	A. 80 B. 60 C. 90 D. 40
13	$3/4$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
14	Question Image	A. 55 B. 70 C. 110 D. 125
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
16	A and B can do a job in 6 day. If A do the job alone he takes 10 days. What will be the time required by B to complete the job alone ?	A. 8 B. 6 C. 15

D. 3

17 If $abc = 2$ and $a = c$ then $b =$

- A. a^2
- B. $1/2a$
- C. $2/a^2$
- D. $2 - a^2$

18 The population of a city increased in two years from 25,000 to 30,000: find the increase percent during the time.

- A. 10%
- B. 20%
- C. 40%
- D. 5%

19 $1/x = 1/y + 1/z$ 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. $1/z - 1/y$

20 What is the sum of money, 6% of which is 18 dollars?

- A. 600
- B. 200
- C. 300
- D. 20