

## Quantitative Reasoning Arithmetic Test For NAT

Sr	Questions	Answers Choice
1	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
2	$\sqrt{?}/16 = 0.5$	A. 8 B. 12 C. 32 D. 64
3	If the ratio of x : y is 9 : 7, then x+y is	A. 16 B. 2 C. 1 D. None
4	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
5	Find the value of x if 3 : b = x : c.	
6	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
7	A motion was passed by a vote of 5 : 3. what part of the votes cast was in favor of the motion?	A. 3/5 B. 5/8 C. 3/8 D. 5/3
8	$350 - -96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
9	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
10	$x\sqrt{0.09} = 3: x = ?$	A. 10 B. 1/3 C. 1/10 D. 1
11	Change 27/7 to a mixed number.	A. 6 1/3 B. 7 1/2 C. 3 6/7 D. 2 1/7
12	$\sqrt{256} \div \sqrt{64} = ?$	A. 1/4 B. 26/8 C. 16 D. 4
13	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
14	$(160 - 130)(270 - 240) \div 2250 \div 50 = ?$	A. 4/3 B. 2/3 C. 45 D. 20
15	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
16	12% of x = 360	A. 250 B. 100 C. 400

D. 3000

17 Find the sum of money, 11% of which is Rs. 1650.

- A. 150
- B. 3300
- C. 25000
- D. 15000

18 A man opens a bookstall with a capital of Rs. 25000. In three month his capital amounts to rupees 27500. What is the increase percent ?

- A. 1%
- B. 10%
- C. 20%
- D. 7%

19 How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles ?

- A. 19.2
- B. 12.8
- C. 8.5
- D. 38

20  $(580 \times 12) - (645 \times 5) / 50 \times 10 = ?$

- A. 7.47
- B. 3725
- C. 74.7
- D. 4450