

Quantitative Reasoning Arithmetic Test For NAT

Sr	Questions	Answers Choice
1	A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank ?	A. 300 B. 750 C. 250 $\frac{3}{4}$ D. 333 $\frac{1}{3}$
2	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%
3	Change 4 $\frac{4}{2}$ to an improper fraction:	A. $\frac{14}{3}$ B. $\frac{11}{3}$ C. $\frac{24}{3}$ D. $\frac{10}{3}$
4	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
5	How many cents will r books cost if t books cost m dollars ?	
6	$0.007 \div \sqrt{0.000049}$	A. 1 B. 0.0049 C. 2 D. 7
7	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10
8	What part of an hour elapses between 10:45 a.m. and 11:09 a.m. ?	A. $\frac{2}{5}$ B. $\frac{3}{5}$ C. $\frac{11}{12}$ D. 2
9	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 age of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
10	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
11	$Z + \frac{1}{Z} = 2$; Z =?	A. 2 B. 1 C. $\frac{1}{2}$ D. $1 \frac{1}{2}$
12	$x^2 = 1681$, x=?	A. 31 B. 41 C. 51 D. 61
13	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
14	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 C. 1030 D. 7070
15	$11/3 + 8/3 + 17/3$	A. 14 B. 12 C. 11 D. 15
16	A man bought 27 packets of Chilli Milli at \$280 each, 9 packets of Chilli Milli at \$320 each and 6 packets of Chilli Milli at \$360 each. Find the average price per packet of Chilli Milli.	A. \$250 B. \$300 C. \$400

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- 17 Find the value of x if $3 : b = x : c$.
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- 18 One half of the employees of Al Karim Co. earn salaries above Rs. 18,000 monthly. One third of the remainder earn salaries between Rs. 15,000 and Rs. 18,000. What part of the staff earns below Rs. 15,000 ?
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- 19 12% of $x = 360$
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- 20 $7/3 \div 35/18 \div 54/20 = ?$
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- A. 2/3
B. 1/3
C. 2/5
D. 3/5
- A. 250
B. 100
C. 400
D. 3000
- A. 49/4
B. 4/9
C. 4/63
D. 81/35