

## Quantitative Reasoning Arithmetic Test For NAT

Sr	Questions	Answers Choice
1	$(60)^2 = ? \times 72$	A. 3600 B. 3528 C. 0.02 D. 50
2	$Z + 1/Z = 2$ ; $Z = ?$	A. 2 B. 1 C. 1/2 D. 1 1/2
3	The average height of a class of 14 boys is 5.3 feet. A new boy admitted to the class, the new average of height now becomes 5.25. What is the height of the new boy ?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
4	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 3/5 B. 5 3/5 C. 20 D. 128
5	If $x\%$ of 60 = 48, then $x = ?$	A. 80 B. 60 C. 90 D. 40
6	If the ratio of $x : y$ is 9 : 7, then $x+y$ is	A. 16 B. 2 C. 1 D. None
7	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
8	$0.007 \div \sqrt{0.000049}$	A. 1 B. 0.0049 C. 2 D. 7
9	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 3/4 D. 333 1/3
10	$? \times 12 = 75\%$ of 336	A. 48 B. 252 C. 28 D. 21
11	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours ?	A. 32 B. 4 C. 16 D. 8
12	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
13	$0.027 \sqrt{90} = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
14	Change $27/7$ to a mixed number.	A. 6 1/3 B. 7 1/2 C. 3 6/7 D. 2 1/7
15	$72/3 + 18/6 = ?$	A. 72 B. 8 C. 18 D. 48

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16	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%
17	$(242 - 17)^2 - (7-5)^2=?$	A. 49000 B. 49200 C. 94200 D. 49400
18	Change $4 \frac{4}{2}$ to an improper fraction:	A. $\frac{14}{3}$ B. $\frac{11}{3}$ C. $\frac{24}{3}$ D. $\frac{10}{3}$
19	Find the value of x if $3 : b = x : c$ .	
20	$\sqrt{256} \div \sqrt{64}=?$	A. $\frac{1}{4}$ B. $\frac{26}{8}$ C. 16 D. 4

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