

Quantitative Reasoning Arithmetic Test For NAT

Sr	Questions	Answers Choice
1	Change $4\frac{4}{2}$ to an improper fraction:	A. $\frac{14}{3}$ B. $\frac{11}{3}$ C. $\frac{24}{3}$ D. $\frac{10}{3}$
2	$\sqrt{169} / 196 \times 14 / \sqrt{1521} = ?$	A. $\frac{13}{42}$ B. $\frac{1}{13}$ C. $\frac{42}{5}$ D. $\frac{1}{42}$
3	A piece of fabric is cut into three sections so that the first is three times as long as the second and the second is three times as long as the third. What part of the entire piece is the smallest section ?	A. $\frac{2}{5}$ B. $\frac{3}{7}$ C. $\frac{2}{3}$ D. $\frac{1}{13}$
4	If a train travels $\frac{5}{6}$ mile in $1\frac{1}{4}$ minutes, how many miles will it travel in 1 hour ?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
5	12 is $\frac{3}{4}$ of what number ?	A. 20 B. 24 C. 16 D. 8
6	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
7	Find the value of x if $3 : b = x : c$.	
8	$(44 \times 3) + 128 + 120 / 9.5 - 94.7$	A. 380 B. 10 C. 76.12 D. 100
9	$1\frac{3}{4} - 1\frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. $\frac{13}{20}$
10	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
11	$Z + \frac{1}{Z} = 2 ; Z = ?$	A. 2 B. 1 C. $\frac{1}{2}$ D. $1\frac{1}{2}$
12	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
13	$\sqrt{256} \div \sqrt{64} = ?$	A. $\frac{1}{4}$ B. $\frac{26}{8}$ C. 16 D. 4
14	A team played 30 games of which it won 24. What part of the games played did it close ?	A. $\frac{1}{5}$ B. $\frac{5}{6}$ C. $\frac{6}{5}$ D. 5
15	$\frac{1}{2}$ of $44 \div 2.2 = ?$	A. 20 B. 22 C. 44 D. 100
16	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40

D. 50

17

The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence ?

- A. 20
- B. 400
- C. 2000
- D. 1000

18

If $x\%$ of 60 = 48, then $x = ?$

- A. 80
- B. 60
- C. 90
- D. 40

19

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

20

25% of 4 + 4% of 25 = ?

- A. 1
- B. 3
- C. 0
- D. 6