

NAT I Arts Quantitative

Sr	Questions	Answers Choice
1	In a school there are 400 students , of whom 70% are boys. What is the number of girls?	A. 130 B. 200 C. 280 D. 2800
2	$11/3 + 8/3 + 17/3$	A. 14 B. 12 C. 11 D. 15
3	A rectangular lot 50 feet by 100 feet is surrounded on all sides by a concrete walk 5 feet wide. Find the number of square feet in the surface of the walk.	A. 1600 B. 5250 C. 5500 D. 6100
4	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10
5	Dave is twice as old as Bob, who is 3 years older than steve. If Steve is $4a$ years old, Dave's age is:	A. 8a B. 22a C. 14a D. $8a+6$
6	How many tens are equal to the number whose hundreds, tens, and units digits are a,b,c, respectively?	A. b B. $a+1/10b+1/100c$ C. $10a+b+c$ D. $10a+b+c/10$
7	Question Image	A. 55 B. 70 C. 110 D. 125
8	How many cents will r books cost if t books cost m dollars ?	
9	$1 \frac{3}{4} - 1 \frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. $13/20$
10	12 is $\frac{3}{4}$ of what number ?	A. 20 B. 24 C. 16 D. 8
11	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
12	$(x+y)^2=25$ and $x^2+y^2=13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
13	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
14	Question Image	A. 20 B. 25 C. 40 D. 50
15	The value of $(x+y)^2 + (x-y)^2$ is?	A. 4 B. $2(x^2+y^2)$ C. $4xy$ D. $-4xy$
16	In a school there are 400 students, of whom 70% are boys: what is the number of girls ?	A. 120 B. 200 C. 280 D. 2800

17 $(60)^2 = ? \times 72$ A. 36
B. 3600
C. 40
D. 50

18 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

19 Question Image A. $25/32$
B. $7/8$
C. $32/25$
D. $11/10$

20 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
