

NAT I Arts Quantitative

Sr	Questions	Answers Choice
1	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
2	If apples cost 3 for 37 cents, find the cost of 1 3/4 dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents
3	Question Image <input type="text"/>	A. 20 B. 25 C. 40 D. 50
4	A factory employs M men and W women. What part of its employees are women ?	A. $W/(W+M)$ B. W/M C. $(W+M)/M$ D. M/W
5	If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours ?	A. 8000 B. 9000 C. 300 D. 900
6	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
7	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 of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
8	If p is a negative integer and $P^2 + 11p = t$, a value of t could be	A. 12 B. 18 C. -18 D. 11
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	12% of x =360	A. 250 B. 100 C. 400 D. 3000
11	Question Image <input type="text"/>	A. a-180 B. 2a-180 C. 180-2a D. 180-b
12	Question Image <input type="text"/>	A. b-180 B. b-90 C. 180-a/2 D. 180-a
13	$(242 - 17)^2 - (7-5)^2=?$	A. 49000 B. 49200 C. 94200 D. 49400
14	The value of $x^2 + 5x + 6$ at $x=2$ is:	A. 10 B. 14 C. 18 D. 20
15	$7/3 \div 35/18 \div 54/20 = ?$	A. 49/4 B. 4/9 C. 4/63 D. 81/35

16	$(60)^2 = ? \times 72$	A. 3600 B. 3528 C. 0.02 D. 50
17	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
18	$9218 - 3546 + 2354 = ?$	A. 8026 B. 8116 C. 10410 D. 23174
19	If $x + 3y = 7$ and $2x + y = 5$ then value x/y is?	A. $1/2$ B. $1/3$ C. $2/5$ D. $8/9$
20	$5/3 + 7/6 + 9/3 + 7/2 = ?$	A. $28/3$ B. $112/3$ C. $28/12$ D. $14/7$
