

NAT I Arts Quantitative

Sr	Questions	Answers Choice
1	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5
2	72/3÷ 18/6 =?	A. 72 B. 8 C. 18 D. 48
3	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
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5	If $(x+1/x)^2=96$ what is the value of $x^2 + 1/x^2$?	A. 94 B. 98 C. 100 D. 90
6	$2x2y$ when multiplied with $x^2 + y^2$ gives ?	A. 2x ² y ³ + 2xy ³ B. 2x ⁴ y+ 2x ² y+ 2x ² y+ 2x ² y+ 2x ² + 2x ² + 2x ² y D. 2xy ³ + 2x ³ + 2x ³ y
7	If abc= 2 and a = c then b =	A. a ² B. 1/2a C. 2/a ² D. 2-a ²
8	The value of x^2 + 5x +6 at x=2 is:	A. 10 B. 14 C. 18 D. 20
9	1.02 - 0.02 + ? = 1.842	A. 0.222 B. 0.842 C. 2 D. None
10	Question Image	A. 20 B. 25 C. 40 D. 50
11	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
12	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
		A. 10 B. 1/3
13	$x\sqrt{0.09} = 3: x = ?$	C. 1/10 D. 1
14	1/2 of 44÷ 2.2 =?	A. 20 B. 22 C. 44 D. 100

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15	A word processing operator typed 44 words per minute. After practice, the operator's speed increased to 55 words per minutes. By what percent did the operator's speed increase ? (25%)	A. 25% B. 50% C. 15% D. 20%
16	What part of an hour elapses between 10:45 a.m. and 11:09 a.m. ?	A. 2/5 B. 3/5 C. 11/12 D. 2
17	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
18	Mr.Kashif got an average of 50 in 6 tests. What should he get in the next test to attain the average of 60?	A. 120 B. 60 C. 100 D. 70
19	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her answer was 13 1/5, what should be the correct answer to the example?	A. 2 8/11 B. 5/66 C. 2 1/5 D. 11/30
20	Question Image	A. b B. b-180 C. 90-b D. 180-b