

NAT II Arts & Humanities Quantitative

Sr	Questions	Answers Choice
1	If 'x' and 'y' are positive and $1/x = 3 + 1/y$ is 'x' greater than 'y'?	A. Yes B. No C. It cannot be determind D. They are equal
2	1.02 - 0.02 + ? = 1.842	A. 0.222 B. 0.842 C. 2 D. None
3	816 - 288 : = 24 ?	A. 22 B. 828 C. 528 D. 804
4	x + y = 17 and $x = 2$ then value of y?	A. 13 B. 15 C. 19 D. 10
5	What part of an hour clapes between 10:45 a.m. and 11:09 a.m.?	A. 2/5 B. 3/5 C. 11/12 D. 2
6	A man has Rs. 2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
7	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
8	How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles?	A. 19.2 B. 12.8 C. 8.5 D. 38
9	A team played 30 games of which it won. What part of the games played did it lose?	A. 1/5 B. 5/6 C. 6/5 D. 5
10	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. 2/5 B. 3/7 C. 2/3 D. 1/13
11	$0.027 \div 90 = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
12	If $3x + 5y = 10$ and $3y + 5x = 30$ then average if 'x' and 'y' is?	A. 3/2 B. 4 C. 5/2 D. 7/2
13	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
14	What is the number, 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
15	The circumference of a circle whose diameter is 6 inches is approximately	A. 22 inches B. 19 inches C. 14 inches D. 38 inches

		E. 16 inches
16	25 % of $4 \div 4\%$ of $25 = ?$	A. 1 B. 3 C. 0 D. 67
17	(x + y)2= 25 and x2+ y2= 13 then xy is equal to?	A. 16 B. 20 C. 18 D. 6
18	What is 1/5% of 5000	A. 10 B. 12 C. 16 D. 1000 E. 5000
19	David receives his allowance on Sunday. He spends 1/4 of his allowance on Monday and 2/3 of the remainder on Tuesday. What part of his allowance is left for the rest of the week?	A. 2/3 B. 4/5 C. 6/7 D. 1/4
20	1250 <mark>÷</mark> 25 ×0.5 = ?	A. 25 B. 50 C. 2.5 D. 100