

## NAT II Arts & Humanities Quantitative

Sr	Questions	Answers Choice
1	The population of a city increased in two years from 25,000 to 30,000; find the percent increase during the time.	A. 10% B. 20% C. 40% D. 5%
2	1.02 - 0.02 + ? = 1.842	A. 0.222 B. 0.842 C. 2 D. None
3	The population of 8 villages is 900, 750, 1100, 1050, 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
4	A team played 30 games of which it won. What part of the games played did it loss?	A. 1/5 B. 5/6 C. 6/5 D. 5
5	Ay -b = c -dy what is 'y' in term of 'a', 'b' and 'c'?	A. (c + b)/(a + d) B. (c - b)/(a + d) C. (c - b)/(a + d) D. (c + b)/(a - d)
6	A and B can do in 6 days. If A does 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
7	If the radius of the circle is halfed, then its area	A. Remains same B. Become half C. Become quarter D. Become double E. Not changed
8	The ratio from 5 feet to 3 inches is	A. 3/5 B. 5/3 C. 3/60 D. 1/20 E. 20
9	The average height of a class of 14 boys is 5.3 feet. After new boy is admitted to the class, the new average 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
10	A man has Rs. 2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
11	Question Image	A. 1.425 B. 1.585 C. 1.330 D. 0.750 E. 1.750
12	12% of x = 360	A. 250 B. 100 C. 400 D. 3000
13	The area of the circle is $16\pi$ . The length of the diameter of the circle is	A. 2 B. 32 C. 4 D. 16 E. 8
14	If a man's weekly salary is\$X and saves\$Y. What part of his weekly salry does he spend?	A. X/Y B. X-Y/X C. Y-X/X D. x-y

. . . . .

15	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
16	1250÷25 × 0.5 = ?	A. 25 B. 50 C. 2.5 D. 100
17	If $3p + 2 = 12$ , then p - 1/3 equals:	A. 10 B. 3 C. 10/3 D. 4 E. 12
18	12 is 3/4 of what number?	A. 20 B. 24 C. 16 D. 8
19	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
20	What is the number, 5% of which is 10?	A. 200 B. 100 C. 50 D. 10