

NAT II Arts & Humanities Quantitative

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Sr	Questions	Answers Choice
1	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)
2	$1/2 \text{ of } 44 \div 2.2 = ?$	A. 20 B. 22 C. 44 D. 100
3	One half of the employees of Al Karim Co. earn salaries above Rs. 18,000 monthly. One third of the remainder earn salaries between Rs. 15,000 and Rs. 18,000. What part of the staff below Rs. 15,000?	A. 2/3 B. 1/3 C. 2/5 D. 3/5
4	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
5	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
6	Successive discounts of 10% and 15% is equivalent to a single discount of	A. 24% B. 24.5% C. 23.5% D. 22% E. 25%
7	If $x = 7y + 3$ and $z = 49y2$ then what is 'z' in terms of x?	A. X2 B. x2- 3 C. (x - 3)2/7 D. None
8	The value of $x^2 + 5x + 6$ at $x = 2$ is?	A. 10 B. 14 C. 18 D. 20
9	What is 1/5% of 5000	A. 10 B. 12 C. 16 D. 1000 E. 5000
10	If a2- b2and a - b = 12 then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. 3/2
11	Ay - b = c - dy what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. 38/2 C. 38/3 D. 38/5
12	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed below to plow the field in 5 hours?	A. 32 B. 4 C. 16 D. 8
13	The value of (x + y)2+ (x - y)2is?	A. 4 B. 2(x2+ y2) C. 4xy D4xy
14	2/3 x 12 =	A. 4 B. 6 C. 8 D. 10 E. 18
	19 E - 15 '' 17E - 1	A. 10 B. 3

15	If 3p + 2 = 12, then p - 1/3 equals:	C. 10/3 D. 4 E. 12
16	15% of 32 equal	A. 3.80 B. 2.50 C. 4.80 D. 4 E. 5
17	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
18	If p = 2, then 3^p + $(p^3)^2$ =	A. 18 B. 45 C. 42 D. 70 E. 73
19	Question Image	A. 1.425 B. 1.585 C. 1.330 D. 0.750 E. 1.750
20	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