

NAT II Arts & Humanities Quantitative

C _r	Quartiena	Anguara Chaica
Sr	Questions	Answers Choice
1	If $3(p + 5q) = 24$, then what is the value of q, when $p = 3$?	A. 1 B. 5 C. 9 D. 3 E. 7
2	25 % of $4 \div 4\%$ of $25 = ?$	A. 1 B. 3 C. 0 D. 67
3	The value of $(x + y)2+ (x - y)2is$?	A. 4 B. 2(x2+ y2) C. 4xy D4xy
4	If 3a - 5 = 3 + 2a, then a =	A. 8 B. 9 C. 10 D. 12 E. 6
5	$_{?} \times 12 = 75\% \text{ of } 336$	A. 48 B. 252 C. 28 D. 21
6	If $p = 2$, then $3^p + (p^3)^2 =$	A. 18 B. 45 C. 42 D. 70 E. 73
7	2.08 - (0.5) ² = ?	A1.20 B. 1.88 C. 1.83 D. 2.16
8	The value of {0.54- 0.44} / {0.52- 0.42} is?	A. 0.9 B. 0.09 C. 0.19 D. 0.31
9	The average of x, y, z and 40 is 10. What is the average of x, y and z.	A. 10 B. 0 C. 2 D. 15
10	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
11	$0.027 \div 90 = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
12	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
13	x^2 = 1681, x = ?	A. 31 B. 41 C. 51 D. 61
14	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
		A. 1

15	If $x + 2y = 11$ and $x + y = 10$ the value of y is?	B. 2 C. 3 D. 4
16	The area of the circle is 16π . The length of the diameter of the circle is	A. 2 B. 32 C. 4 D. 16 E. 8
17	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
18	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 10
19	If $4x - y = 13$ and $3x - 2y = 7$ then what is the average of 'x' and 'y'?	A. 4 B. 3 C. 2 D. 6
20	816 - 288 ÷ = 24 ?	A. 22 B. 828 C. 528 D. 804