

NAT II Arts & Humanities Quantitative

Sr	Questions	Answers Choice
1	If $a^2 - b^2$ and $a - b = 12$ then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. $3/2$
2	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
3	$816 - 288 \div = 24 ?$	A. 22 B. 828 C. 528 D. 804
4	What is 1/5% of 5000	A. 10 B. 12 C. 16 D. 1000 E. 5000
5	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
6	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
7	$9218 - 3546 + 2354 = ?$	A. 8026 B. 8116 C. 10410 D. 23174
8	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
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	Maria's test scores were 96, 97, 86, 98 and 92. What would he need on his next test to have an average of 94?	A. 92 B. 90 C. 95 D. 100 E. 98
11	If $2x + y = 11$ and $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4
12	$x^2 = 1681$, x = ?	A. 31 B. 41 C. 51 D. 61
13	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%
14	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50 E. $2/5$

15	What part of an hour elapses between 10: 45 a.m and 11:09 a.m?	B. 3/5 C. 11/12 D. 2
16	The ratio from 5 feet to 3 inches is	A. 3/5 B. 5/3 C. 3/60 D. 1/20 E. 20
17	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None
18	$350 - 96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
19	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
20	A motion was passed by a vote of 5: 3. What part of the votes cast was is favor of the motion?	A. 3/5 B. 5/8 C. 3/8 D. 5/3