

## NAT II Arts & Humanities Quantitative

Sr	Questions	Answers Choice
1	9218 - 3546 + 2354 = ?	A. 8026 B. 8116 C. 10410 D. 23174
2	A number which is divisible by both 6 and 8 is also divisible by	A. 7 B. 5 C. 11 D. 9 E. 24
3	$x^2$ = 1681, x = ?	A. 31 B. 41 C. 51 D. 61
4	The ratio from 5 feet to 3 inches is	A. 3/5 B. 5/3 C. 3/60 D. 1/20 E. 20
5	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
6	The average (arithmetic mean) of 8a + 5, -3a, 9, 0 and 7a - 2?	A. 3a + 1 B. 3a + 3 C. 4a + 1 D. 4a + 4 E. 12a + 12
7	A clerk filed 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday and 66 on Friday. What was the average number of forms filed per day?	A. 50 B. 95 C. 84 D. 74
8	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
9	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
10	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
11	Which of the following is closest tot he square root of 1/2?	A. 0.7 B. 0.6 C. 0.8 D. 0.25 E. 0.5
12	The value of $(x + y)^2$ - $(x - y)^2$ is?	A. 4 B. (x2 + y2 C. 4xy D4xy
13	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
14	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

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15	25 % of $4 \div 4\%$ of $25 = ?$	A. 1 B. 3 C. 0 D. 67
16	David recieves his allowance in Sunday. He spends 1/4 of his allowance on Monday and 2.3 of the reminder on Tuesday. What part of his allowance is left for the rest week?	A. 2/3 B. 4/5 C. 6/7 D. 1/4
17	$1/2 \text{ of } 44 \div 2.2 = ?$	A. 20 B. 22 C. 44 D. 100
18	15% of 32 equal	A. 3.80 B. 2.50 C. 4.80 D. 4 E. 5
19	2x2y when multiplied with x2+ y2gives?	A. 2x3y3+ 2xy3 B. 2x4y + 2x2y3 C. 2xy2 + 2x2y D. 2xy3+ 2x3y
20	If a2- b2and a - b = 12 then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. 3/2