NAT II Arts & Humanities Quantitative

Sr	Questions	Answers Choice
1	$9218 - 3546 + 2354 = ?$	A. 8026 B. 8116 C. 10410 D. 23174
2	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
3	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
4	$x + y = 17$ and $x = 2$ then value of y?	A. 13 B. 15 C. 19 D. 10
5	1/2 of $44 \div 2.2 = ?$	A. 20 B. 22 C. 44 D. 100
6	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. How much time in minutes is needed to fill the tank if both the pipes are working together?	A. 90 B. 50 C. 60 D. 30
7	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
8	A man bought 27 packets of Chilli Milli at $280 each, 9 packets of Chilli Milli at $320 each and 6 packets of Chilli Milli at $360 each. Find the average price per packet of Challi Milli.	A. $250 B. $300 C. $400 D. $380
9	12% of x = 360	A. 250 B. 100 C. 400 D. 3000
10	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
11	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%
12	$1/x = 1/y + 1/z$ then 'x' in terms of 'y' and 'z' is given by?	A. (y + z) / (y-z) B. yz/(y + z) C. (y + z)/yz D. 1/z -1/y
13	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
14	$816 - 288 \div = 24 ?$	A. 22 B. 828 C. 528 D. 804
15	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
16	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)
17	The ratio from 5 feet to 3 inches is	A. 3/5
		B. 5/3
		C. 3/60
		D. 1/20
		E. 20
18	One half of the employs of Al Karim Co. earn salaries sabove Rs.18,000 monthly. One third of the reminder earn salaries between Rs.15,000 and Rs.18,000. What part of the staff earns below Rs.15,000?	A. 2/3
		B. 1/3
		C. 2/5
		D. 3/5
19	1.02 - 0.02 + ? = 1.842	A. 0.222
		B. 0.842
		C. 2
		D. None
20	Find the sum of money, 11% of which is Rs. 1650.	A. 150
		B. 3300
		C. 25000
		D. 15000