NAT II Oriental & Islamic Studies Quantitative

Sr	Questions	Answers Choice
1	A team played 30 games of which it won. What part of the games played did it loss?	A. 1/5 B. 5/6 C. 6/5 D. 5
2	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
3	If $2x + y = 11$ and $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4
4	The value of $x^2 + 5x + 6$ at $x = 2$ is?	A. 10 B. 14 C. 18 D. 20
5	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
6	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
7	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
8	$Ay - b = c - dy$ 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. $(c + b)/(a - d)$
9	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
10	$x^2 = 1681$, $x = ?$	A. 31 B. 41 C. 51 D. 61
11	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
12	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
13	$(x + y)^2 = 25$ and $x^2 + y^2 = 13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
14	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%
15	When $3x^2 + 5x + 7$ is subtracted from $x^2 + 8x + 3$ the result is?	A. $5x^2 - 3x + 4$ B. $3x - 2x^2 - 4$

	When 3x2 - 3x + 4 is subtracted from x2 - 8x - 6 the result is :	C. x2+ 8x + 10
		D. 11x2- 3x + 10
16	If x + 2y = 11 and x + y = 10 the value of y is?	A. 1
		B. 2
		C. 3
		D. 4
17	Question Image	A. 1.425
		B. 1.585
		C. 1.330
		D. 0.750
		E. 1.750
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	Mr. Kashif got an average of 50 in 6 tests. What should he get in the next to attain the average of 60?	A. 120
		B. 60
		C. 100
		D. 70
20	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