NAT II Arts & Humanities Quantitative

Sr	Questions	Answers Choice
1	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
2	If 3p + 2 = 12, then p - 1/3 equals:	A. 10 B. 3 C. 10/3 D. 4 E. 12
3	When $3x^2 + 5x + 7$ is subtracted from $x^2 + 8x + 3$ the result is?	A. $5x^2 - 3x + 4$ B. $3x - 2x^2 - 4$ C. $x^2 + 8x + 10$ D. $11x^2 - 3x + 10$
4	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
5	A man opens a bookstall with a capital of Rs. 25000. In three months his capital amounts to rupees 27500. What is the increase percent?	A. 1% B. 10% C. 20% D. 7%
6	Question Image	A. 1.425 B. 1.585 C. 1.330 D. 0.750 E. 1.750
7	The circumference of a circle whose diameter is 6 inches is approximately	A. 22 inches B. 19 inches C. 14 inches D. 38 inches E. 16 inches
8	12% of x = 360	A. 250 B. 100 C. 400 D. 3000
9	A and B can do in 6 days. If A does the job alone he takes 10 days. What will be the time required by B to complete the job alone?	A. 8 B. 6 C. 15 D. 3
10	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
11	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
12	$816 - 288 \div\ = 24\ ?$	A. 22 B. 828 C. 528 D. 804
13	72 + 679 + 1439 + 537 + ? = 4036	A. 1309 B. 1208 C. 2308 D. 2423
14	$2244 \div 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
		A. 58600

15	$(190)^2 - (150)^2 = ?$	B. 13600 C. 1360 D. 1600
16	1/2 of 44 $\div 2.2 = ?$	A. 20 B. 22 C. 44 D. 100
17	$x\sqrt{0.09} = 3$; x = ?	A. 10 B. 1/3 C. 1/10 D. 1
18	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
19	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
20	The value of {0.54- 0.44} / {0.52- 0.42} is?	A. 0.9 B. 0.09 C. 0.19 D. 0.31