NAT I Engineering Quantitative

Sr	Questions	Answers Choice
1	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900.	A. 1200 B. 1050 C. 1030 D. 7070
2	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
3	Ay-b=c,dy what is 'y' in terms 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)
4	How many integers between 28 and 98 are exactly divisible by 7 ?	A. 9 B. 11 C. 12 D. 8
5	Question Image	A. b B. b-180 C. 90-b D. 180-b
6	If x + 3y =7 and 2x + y =5 then value x/y is?	A. 1/2 B. 1/3 C. 2/5 D. 8/9
7	How many tens are equal to the number whose hundreds, tens, and units digits are a,b,c, respectively?	A. b B. a+1/10b+1/100c C. 10a+b+c D. 10a+b+c/10
8	If the redius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
9	7 x 21÷3 +3 / 8÷ 4 x 2	A. 13 B. 17 C. 31 D. 1
10	The average height of five men is 68 inches. If one man is 70 inches tall and three other have an average of 67 inches, the height of the fifth amn, in inches, is:	A. 68 B. 69 C. 70 D. 71
11	A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank?	A. 300 B. 750 C. 250 3/5 D. 333 1/3
12	2244 - 0.88 = ? x 1122	A. 20.02 B. 20.2 C. 19.3 D. 2.27
13	A team played 30 games of which it won 24. What part of the games played did it close ?	A. 1/5 B. 5/6 C. 6/5 D. 5
14	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
15	If 'x' and 'y' are positive and 1/x=3+1/y is 'x' greater than 'y'?	A. Yes B. No C. It cannot be determined D. They are equal

16	Question Image	A. 41^O B. 65^O C. 115^O D. 106^O
17	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her answer was 13 1/5, what should be the correct answer to the example?	A. 2 8/11 B. 5/66 C. 2 1/5 D. 11/30
18	(160 - 130) (270 - 240) / 2250÷ 50 =?	A. 4/3 B. 2/3 C. 45 D. 20
19	If (36)(?)(7)=21, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
20	Change 4 4/2 to an improper fraction:	A. 14/3 B. 11/3 C. 24/3 D. 10/3