NAT I Engineering Quantitative

Sr	Questions	Answers Choice
1	If you have 50 green , 50 orange, and 50 yellow jelly beans, how many bags can you fill for Halloween each containing 2 green, 3 orange, and 4 yellow jelly beans?	A. 12 B. 13 C. 16 D. 17
2	The population of a city increased in two years from 25,000 to 30,000; find the percent increase during the time.	A. 10% B. 20% C. 40% D. 5%
3	$(242 - 17)^2 - (7-5)^2$=?	A. 49000 B. 49200 C. 94200 D. 49400
4	Find the sum of money,11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
5	Find the ratio of 18 inches to 2 yards.	
6	An angle is 30^o more than one-half its complement. Find the angle.	A. 20^o B. 30^o C. 50^o D. 60^o
7	A piece of fabric is cut into three sections so that the first is three times as long as the second and the second is three times as long as the third. What part of the entire piece is the smallest section ?	A. 2/5 B. 3/7 C. 2/3 D. 1/13
8	The value of $x^2 + 5x + 6$ at x=2 is:	A. 10 B. 14 C. 18 D. 20
9	How many cents will r books cost if t books cost m dollars ?	
10	$(60)^2$=? x 72	A. 36 B. 3600 C. 40 D. 50
11	If (36)(?)(7)=21, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
12	If it takes 10 minutes to walk 3/4 mile, how many minutes will it take to walk the rest of the mile?	A. 2 1/3 B. 13 1/3 C. 4 2/7 D. 30
13	If a train travels 5/6 mile in 1 1/4 minutes, how many miles will it travel in 1 hour ?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
14	Question Image	A. 30 B. 39 C. 80 D. 78
15	A man has Rs.2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
16	How many tens are equal to the number whose hundreds, tens, and units digits are a, b, and c, respectively ?	A. b C. 10a+b+c
17	1764÷ 17.64 /0.5	A. 100 B. 20

		C. 0.2 D. 200
18	The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence ?	A. 20 B. 400 C. 2000 D. 1000
19	If p is a negative integer and P^2 + 11p = t, a value of t could be	A. 12 B. 18 C. -18 D. 11
20	If abc = 2 and a =c then b=	A. a² B. 1/2a C. 2/a² D. 2-a²