NAT I Engineering Quantitative

Sr	Questions	Answers Choice
1	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
2	Ay-b=c-dy what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. 38/2 C. 38/3 D. 38/5
3	3/4 of 432 = ?	A. 340 B. 232 C. 324 D. 316
4	9218 - 3546+ 2354 =?	A. 8026 B. 8116 C. 10410 D. 23174
5	A man spent 10% of his money. After spending 60% of the remainder he has Rs. 72 left. How much had he in the start ?	A. 10 B. 100 C. 200 D. 400
6	If the redius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
7	12 is 3/4 of what number ?	A. 20 B. 24 C. 16 D. 8
8	A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup, 2 parts sugar, and 1 part butter. If you use 8 ounces of milk, how many ounces of candy mixture can you make ?	A. 25 3/5 B. 5 3/5 C. 20 D. 128
9	If the ratio of x : y is 9 : 7, then x+y is	A. 16 B. 2 C. 1 D. None
10	Question Image	A. a-180 B. 2a-180 C. 180-2a D. 180-b
11	Question Image	A. 40 B. 50 C. 120 D. 130
12	$(x+y)^2=25$ and $x^2+y^2=13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
13	$(60)^2=?$ x 72	A. 36 B. 3600 C. 40 D. 50
14	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
15	$\sqrt{256} \div \sqrt{64}=?$	A. 1/4 B. 26/8 C. 16 D. 4

16	72/3÷ 18/6 =?	A. 72 B. 8 C. 18 D. 48
17	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
18	11/3 + 8/3 + 17/3	A. 14 B. 12 C. 11 D. 15
19	Question Image	A. 55 B. 70 C. 110 D. 125
20	Mr. Kashif got an average of 50 in 6 tests. What should he get in the next test to attain the average of 60 ?	A. 120 B. 60 C. 100 D. 70