NAT I Engineering Quantitative

Sr	Questions	Answers Choice
1	If x=7y+3 and z=49y^2 then what is 'z' in terms of x?	A. X2 B. x²-3 C. (x-3)²/7 D. None
2	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
3	12 is 3/4 of what number ?	A. 20 B. 24 C. 16 D. 8
4	Question Image	A. 15 B. 30 C. 45 D. 72
5	? x 12 = 75% of 336	A. 48 B. 252 C. 28 D. 21
6	The average height of a class of 14 boys is 5.3 feet. A new boy admitted to the class, the new average of height now becomes 5.25. What is the height of the new boy ?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
7	A word processing operator typed 44 words per minute. After practice, the operator's speed increased to 55 words per minutes. By what percent did the operator's speed increase?	A. 25% B. 50% C. 15% D. 20%
8	25% of 4÷ 4% of 25 =?	A. 1 B. 3 C. 0 D. 6
9	Question Image	A. 55 B. 70 C. 110 D. 125
10	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
11	Four people are asked to stand in a straight line. In how many different orders can they line up ?	A. 12 B. 16 C. 24 D. 6
12	Question Image	A. 40 B. 50 C. 90 D. 130
13	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
14	Out of the 44 boys in a class 9 are of the age of 10, 15 at the age of 9, and the rest are at the age of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
15	A rectangular lot 50 feet by 100 feet is surrounded on all sides by a concrete walk 5 feet wide. Find the number of square feet in the surface of the walk.	A. 1600 B. 5250 C. 5500 D. 6100

16	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)
17	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours?	A. 32 B. 4 C. 16 D. 8
18	The average of x,y,z and 40 is 10. What is the average of x,y, adn z.	A. 10 B. 0 C. 2 D. 15
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	A clock gain 8 minutes every x hours. How many hours will the clock gain in 3 days?	A. 576/x B. 48/5x C. 24/x D. 576/5x