NAT I Engineering Quantitative

Sr	Questions	Answers Choice
1	Change 4 4/2 to an improper fraction:	A. 14/3 B. 11/3 C. 24/3 D. 10/3
2	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 earns below Rs. 15,000 ?	A. 2/3 B. 1/3 C. 2/5 D. 3/5
3	(44 x 3) + 128 + 120 / 9.5 - 94.7	A. 380 B. 10 C. 76.12 D. 100
4	Question Image	A. 15 B. 30 C. 45 D. 72
5	How many miles are there between two cities if the distance is represented by a 2.4 inch line on a map having a scale of 1 inch to 8 miles?	A. 19.0 B. 12.8 C. 8.5 D. 38
6	If (p-3) (p+4) > (p-3)(p+8) , what is the best description of p?	A. p=3 B. -8<p<-5 C. p={ } D. p<3
7	If $(x+1/x)^2=96$ what is the value of $x^2 + 1/x^2$?	A. 94 B. 98 C. 100 D. 90
8	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 20
9	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
10	9218 - 3546+ 2354 =?	A. 8026 B. 8116 C. 10410 D. 23174
11	$2.08 - (0.5)^2$=?	A. -1.20 B. 1.88 C. 1.83 D. 2.16
12	816 - 288÷ 24 =?	A. 22 B. 828 C. 528 D. 804
13	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
14	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
15	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10

16	√256÷√64=?	A. 1/4 B. 26/8 C. 16 D. 4
17	Find the value of x if 3:b=x:c.	A. 3b/c B. c/3b C. 2c/3b D. 3c/b
18	If 3 1/5 c=2 1/2 b and c≠0, then b/c=?	A. 25/32 B. 7/8 C. 32/25 D. 11/10
19	Question Image	A. 55 B. 70 C. 110 D. 125
20	A man bought 27 packets of Chilli Milli at $280 each, 9 packets of Chilli Milli at $320 each and 6 packets of Chilli Milli at $360 each. Find the average price per packet of Chilli Milli.	A. $250 B. $300 C. $400 D. $380