NAT I Engineering Quantitative

Sr	Questions	Answers Choice
1	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. 19.2 B. 12.8 C. 8.5 D. 38
2	If (p-3)(p+5)>(p-3)(p+8), what is the best description of p ?	A. p = 3 B. - 8 < p < - 5 C. p = { } D. p < 3
3	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
4	If (36)(?)(7)=21, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
5	A man opens a bookstall with a capital of Rs.25000. In three months his capital amounts to rupees 27500. What is the increase percent?	A. 1% B. 10% C. 20% D. 7%
6	A man bought 27 packets of Chilli Milli at$280 wach, 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
7	If x% of 60 =48, then x=?	A. 80 B. 60 C. 90 D. 40
8	1 3/4 - 1 3/5 =?	A. 0.16 B. 0.2 C. 0.15 D. 13/20
9	12 is 3/4 of what number ?	A. 20 B. 24 C. 16 D. 8
10	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
11	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
12	Question Image	A. 5 B. 10 C. 110 D. 125
13	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
14	Z + 1/Z =2 ; Z =?	A. 2 B. 1

		C. 1/2
		D. 1 1/2

15	Question Image	A. 25/32
		B. 7/8
		C. 32/25
		D. 11/10

16	$\sqrt{?}/16 = 0.5$	A. 8
		B. 12
		C. 32
		D. 64

17	Question Image	A. 41°
		B. 65°
		C. 115°
		D. 106°

18	9218 - 3546+ 2354 =?	A. 8026
		B. 8116
		C. 10410
		D. 23174

19	The value of $\{0.5^4 - 0.4^4\} / \{0.5^2 + 0.4^2\}$ is?	A. 0.9
		B. 0.09
		C. 0.19
		D. 0.31

20	If x + 2y =11 and x + y =10 the value of y is:	A. 1
		B. 2
		C. 3
		D. 4