NAT I General Science Quantitative

Sr	Questions	Answers Choice
1	Question Image	A. 24 B. 12√2 C. 16√2 D. 48
2	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 ? (25%)	A. 25% B. 50% C. 15% D. 20%
3	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
4	If 7 apples cost y cents, how many apples will x dollars buy ?	A. x / 7y B. 7x / y C. 7x / 100y D. 700x / y
5	A man opens a bookstall with a capital of Rs. 25000. In three month his capital amounts to rupees 27500. What is the increase percent ?	A. 1% B. 10% C. 20% D. 7%
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	A man spent 10% of his money .After spending 60% of the reminder he has Rs.72 left. How much had he in the start?	A. 10 B. 100 C. 200 D. 400
8	7 x 21÷3 +3 / 8÷ 4 x 2	A. 13 B. 17 C. 31 D. 1
9	Which of the following is the sum of two consective prime numbers?	A. 66 B. 52 C. 41 D. 29
10	A rectangle is 16 cm long and 10 cm wide. If the length is reduced by k cm and its width is increased also by k cm so as to make it a square then its area changes by	A. 169 B. 256 C. 100 D. 9 E. None of the above
11	$(60)^2$ =? x 7	A. 3600 B. 3528 C. 0.02 D. 50
12	72 + 679 + 1439 + 537 + ?=4036	A. 1309 B. 1208 C. 2308 D. 2423
13	One-sixth of a day is what part of the time between 3 p.m. Monday and 3 a.m. Thursday of the same week?	A. 1/10 B. 1/18 C. 1/15 D. 1/12
14	(580 x 12) - (645 x 5) / 50 x10 = ?	A. 7.47 B. 3725 C. 74.7 D. 4450
15	Find the value of x if 3 : b = x : c.	A. 3/4

16	Find the ratio of 18 inches to 2 yards.	B. 1/4 C. 1/5 D. 2/5
17	The death rates for three diseases are : Disease R 2 People out of 10,000 Disease S 13 People out of 1,000,000 Disease T 9 People out of 100,000 Disease R 2 People out of 10,000 What is the combined death rate for the three diseases?	A. 123 out of 1,000,000 B. 42 out of 10,000 C. 42 out of 1000,000 D. 303 out of 1,000,000
18	$0.007 \div \sqrt{0.000049}$	A. 1 B. 0.0049 C. 2 D. 7
19	Question Image	A. 30 B. 39 C. 80 D. 78
20	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