

NAT I General Science Quantitative

Sr	Questions	Answers Choice
1	0.007÷√0.000049	A. 1 B. 0.0049 C. 2 D. 7
2	Question Image	A. b-180 B. b-90 C. 180-a/2 D. 180-a
3	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
4	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
5	7 x 21÷3 +3 / 8÷ 4 x 2	A. 13 B. 17 C. 31 D. 1
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 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
8	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
9	Question Image	A. 20 B. 25 C. 40 D. 50
10	(44 x 3) + 128 + 120 / 9.5 - 94.7	A. 380 B. 10 C. 76.12 D. 100
11	How many tens are equal to the number whose hundreds, tens, and units digits are a,b,c, respectively?	A. b B. a+1/10b+1/100c C. 10a+b+c D. 10a+b+c/10
12	Dave is twice as old as Bob, who is 3 years older than steve. If Steve is 4a years old, Dave's age is:	A. 8a B. 22a C. 14a D. 8a+6
13	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
14	√256÷√64=?	A. 1/4 B. 26/8 C. 16 D. 4
15	If 4x-y=13 and 3x-2y=7 then what is the average of 'x' and 'y'?	A. 4 B. 3 C. 2

		D. 6
16	5/3 + 7/6 +9/3 +7/2 =?	A. 28/3 B. 112/3 C. 28/12 D. 14/7
17	If it takes 10 minutes to walk 3/7 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
18	If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours?	A. 8000 B. 9000 C. 300 D. 900
19	Dave is twice as old as Bob, who is 3 years older than Steve. If Steve is 4a years old, Dave's age is	A. 8a B. 22a C. 14a D. 8a + 6
20	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