

NAT I General Science Quantitative

Sr	Questions	Answers Choice
1	Change $27/7$ to a mixed number.	A. $6 \frac{1}{3}$ B. $7 \frac{1}{2}$ C. $3 \frac{6}{7}$ D. $2 \frac{1}{7}$
2	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. $\$380$
3	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
4	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
5	$72/3 \div 18/6 = ?$	A. 72 B. 8 C. 18 D. 48
6	If the radius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
7	$(60)^2 = ? \times 72$	A. 3600 B. 3528 C. 0.02 D. 50
8	If $x + 3y = 7$ and $2x + y = 5$ then value x/y is?	A. $1/2$ B. $1/3$ C. $2/5$ D. $8/9$
9	If $2x + y + 11$ and $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4
10	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
11	A and B can do a job in 6 days. If A does the job alone he takes 10 days. What will be time required by B to complete the job alone?	A. 8 B. 6 C. 15 D. 3
12	A man spent 10% of his money. After spending 60% of the remainder he has Rs.72 left. How much had he in the start?	A. 10 B. 100 C. 200 D. 400
13	12% of $x = 360$	A. 250 B. 100 C. 400 D. 3000
14	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow	A. 32 B. 4

	the field in 5 hours ?	C. 16 D. 8
15	$7/3 \div 35/18 \div 54/20 = ?$	A. $49/4$ B. $4/9$ C. $4/63$ D. $81/35$
16	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900.	A. 1200 B. 1050 C. 1030 D. 7070
17	The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence ?	A. 20 B. 400 C. 2000 D. 1000
18	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
19	$1 \frac{3}{4} - 1 \frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. $13/20$
20	If 7 apples cost y cents, how many apples will x dollars buy?	A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700x/y$