

NAT I General Science Quantitative

Sr	Questions	Answers Choice
1	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours ?	A. 32 B. 4 C. 16 D. 8
2	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10
3	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52 C. 41 D. 29
4	$2244 - 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
5	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
6	If $(x+1/x)^2=96$ what is the value of $x^2 + 1/x^2$?	A. 94 B. 98 C. 100 D. 90
7	One-sixth of a day is what part of the time between 3 p.m. Monday and 3 p.m. Thursday of the same week ?	A. 1/10 B. 1/18 C. 1/15 D. 1/12
8	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her answer was $13 \frac{1}{5}$, what should be the correct answer to the example?	A. $2 \frac{8}{11}$ B. $5/66$ C. $2 \frac{1}{5}$ D. $11/30$
9	David receives his allowance on Sunday. He spends $\frac{1}{4}$ of his allowance on Monday and $\frac{2}{3}$ of the remainder on Tuesday. What part of his allowance is left for the rest of the week ?	A. $\frac{2}{3}$ B. $\frac{4}{5}$ C. $\frac{6}{7}$ D. $\frac{1}{4}$
10	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
11	Question Image	A. 24 B. $12\sqrt{2}$ C. $16\sqrt{2}$ D. 48
12	A man has Rs. 2000, and spends 18% of it. What money has he left now ?	A. 3600 B. 820 C. 1640 D. 4000
13	The average height of five men is 68 inches. If one man is 70 inches tall and three others have an average of 67 inches, the height of the fifth man, in inches, is	A. 68 B. 69 C. 70 D. 71
14	Find the ratio of 18 inches to 2 yards.	A. $\frac{3}{4}$ B. $\frac{1}{4}$ C. $\frac{1}{5}$ D. $\frac{2}{5}$
15	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 of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
		A. \$250 B. \$200 C. \$150 D. \$100

16	A man bought 2 / 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.	B. \$300 C. \$400 D. \$380
17	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. $8a + 6$
18	$\frac{5}{3} + \frac{7}{6} + \frac{9}{3} + \frac{7}{2} = ?$	A. $\frac{28}{3}$ B. $\frac{112}{3}$ C. $\frac{28}{12}$ D. $\frac{14}{7}$
19	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. How much time in minutes is needed to fill the tank if both the pipes are working together ?	A. 90 B. 90 C. 60 D. 30
20	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None