

## NAT II Physical Science Quantitative

Sr	Questions	Answers Choice
1	A team played 30 games of which it won. What part of the games played did it lose?	A. 1/5 B. 5/6 C. 6/5 D. 5
2	A factory employs M men and W women. What part of its employees are women?	A. $W/(W + M)$ B. $W/M$ C. $(W + M)/M$ D. $M/W$
3	12 is $3/4$ of what number?	A. 20 B. 24 C. 16 D. 8
4	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
5	If $p = 2$ , then $3^p + (p^3)^2 =$	A. 18 B. 45 C. 42 D. 70 E. 73
6	If the ratio of $x : y$ is $9 : 7$ , then $x + y$ is	A. 16 B. 2 C. 1 D. None of the above
7	$2/3 \times 12 =$	A. 4 B. 6 C. 8 D. 10 E. 18
8	$Ay - b = c - dy$ what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. $38/2$ C. $38/3$ D. $38/5$
9	If the radius of the circle is halved, then its area	A. Remains same B. Become half C. Become quarter D. Become double E. Not changed
10	If $2x + y = 11$ and $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4
11	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
12	David receives his allowance on Sunday. He spends $1/4$ of his allowance on Monday and $2/3$ of the remainder on Tuesday. What part of his allowance is left for the rest of the week?	A. $2/3$ B. $4/5$ C. $6/7$ D. $1/4$
13	$Ay - b = c - dy$ what is 'y' in term of 'a', 'b' and 'c'?	A. $(c + b)/(a + d)$ B. $(c - b)/(a + d)$ C. $(c - b)/(a + d)$ D. $(c + b)/(a - d)$
14	A man has Rs. 2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000

15	The area of the circle is $16\pi$ . The length of the diameter of the circle is	B. 32 C. 4 D. 16 E. 8
16	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
17	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
18	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
19	A and B can do in 6 days. If A does the job alone he takes 10 days. What will be the time required by B to complete the job alone?	A. 8 B. 6 C. 15 D. 3
20	A number which is divisible by both 6 and 8 is also divisible by	A. 7 B. 5 C. 11 D. 9 E. 24