

NAT I Engineering Quantitative

Sr	Questions	Answers Choice
1	Question Image	A. 4π B. 18π C. 28π D. 32π
2	If $3x+5y=10$ and $3y+5x=30$ then average if 'x' and 'y' is?	A. $3/2$ B. 4 C. $5/2$ D. $7/2$
3	Find the ratio of 18 inches to 2 yards.	A. $3/4$ B. $1/4$ C. $1/5$ D. $2/5$
4	$1\frac{3}{4} - 1\frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. $13/20$
5	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
6	Four people are asked to stand in a straight line. In how many different orders can they line up ?	A. 12 B. 16 C. 24 D. 6
7	$x + y = 17$ and $x = 2$, then value of y?	A. 13 B. 15 C. 19 D. 10
8	Question Image	A. 40 B. 50 C. 90 D. 130
9	Question Image	A. 40 B. 50 C. 120 D. 130
10	Question Image	A. 30 B. 39 C. 80 D. 78
11	$350 - -96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
12	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
13	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
14	If Myra had bowling scores of $b + 6$, $b - 2$, $b + 4$, and $b - 5$, what must she score in the next game to get an overall average of $b + 2$?	A. $b + 7$ B. $b - 3$ C. $b + 3$ D. $b - 7$
15	$1764 \div 17.64 / 0.5$	A. 100 B. 20 C. 0.2 D. 200

16	Question Image	A. $b-180$ B. $b-90$ C. $180-a/2$ D. $180-a$
17	A team played 30 games of which it won 24. What part of the games played did it close ?	A. $1/5$ B. $5/6$ C. $6/5$ D. 5
18	Find the value of x if $3:b=x:c$.	A. $3b/c$ B. $c/3b$ C. $2c/3b$ D. $3c/b$
19	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
20	$x\sqrt{0.09} = 3: x = ?$	A. 10 B. $1/3$ C. $1/10$ D. 1