

NAT II Physical Science Mathematics

Sr	Questions	Answers Choice
1	The length of rectangle is twice as much as its breadth. If the perimeter is 120 cm, the length of the rectangle is	A. 10 cm B. 20 cm C. 30 cm D. 40 cm
2	If $x < y$, $2x = A$, and $2y = B$, then	A. $A = B$ B. $A < B$ C. $A > B$ D. $B > A$
3	An angle of one radian is equivalent to	A. 57.3° B. 57.3 C. 57.3° D. 57.3
4	Question Image	
5	In the expansion of $(a + b)^n$ in every term the sum of the exponents of a and b is	A. n B. n + 1 C. 2n - 1 D. 2n + 1
6	Question Image	A. Free vector B. Null vector C. Unit vector D. None of these
7	Question Image	A. 0 B. 1 C. -1 D. 2
8	Question Image	A. A linear equation B. A cubic equation C. A quadratic equation D. An equation for circle
9	Unit vector in the positive direction of x-axis is	D. All
10	The associative angle of 280° is	A. 100° B. 10° C. 80° D. -80°
11	Question Image	A. 1 B. 2 C. 3 D. 4
12	Question Image	A. 15 B. $15i$ C. $-15i$ D. -15
		A. 1/2

13 A die is thrown. What is the probability that there is a prime number on the top?

- B. $\frac{1}{3}$
- C. $\frac{1}{6}$
- D. $\frac{2}{3}$

14 Question Image

15 Question Image

16 Question Image

- D. None of these

17 Question Image

18 Question Image

19 Question Image

- A. 0
- B. -2
- C. 1
- D. 4

20 Question Image