

NAT II Physical Science Mathematics

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. Tan x B. X C. - x
3	Question Image	
4	Question Image	
5	Period of Sin 2x =	
6	What is the period of Cot x?	
7	What is the domain of $y = \text{Cot}^{-1}x$?	A. Set of irrational number only B. Set of all real numbers C. Set of intergers only D. Set of complex numbers only
8	Question Image	
9	If A = (3, 8) and B = (5, 6), then the distance between A and B is	B. 2 C. 1 D. 6
10	$\text{Sin } x + \text{Cos } x = 1$ x =	
11	Question Image	A. 30 B. 45 C. 60 D. 90
12	$\text{Cos } 315^\circ =$	A. 0.707 B. 0.5 C. 1 D. 0
13	Question Image	
14	$\text{Sin}(a + b) + \text{Sin}(a - b) =$	A. Sin a Cos b B. Sin a Sin b C. Sin a + Cos b D. Sin a - 2 Cos b
15	Question Image	B. -3/4 C. 1/16 D. 1/4