

## NAT II Physical Science Mathematics

Sr	Questions	Answers Choice
1	Question Image	A. (0, e) B. (0, 1) D. None
2	Question Image	A. 30° B. 45° C. 60° D. 90°
3	The mid point of the line joining (-1, -3) to (3, -5) is	A. (1, 1) B. (1, -1) C. (2, -8) D. (1, -4)
4	If the diagonal of a square has coordinates (1, 2) and (5,6) the length of a side is	A. 3 B. 4 C. 1 D. 5
5	Question Image	
6	Question Image	A. 0 B. 1 C. -1 D. 2
7	The magnitude of a vector can never be	A. Zero B. Negative C. Positive D. Absolute
8	A vector of magnitude zero is called	A. Position vector B. Null vector C. Free vector D. None of these
9	The set of the first elements of the ordered pairs forming a relation is called its	A. Function on B B. Range C. Domain D. A into B
10	If n is a positive integer, then $3+6+9+ \dots +3n =$	
11	Every prime number is also	A. Rational number B. even number C. Irrational number D. multiple of two numbers
12	The graph of a quadratic function is	A. Circle B. Ellipse C. Parabola D. Hexagon
13	Question Image	
14	Question Image	
15	The range of inequality $x + 2 > 4$ is	A. (-1, 2) B. (-2, 2) D. None
16	Question Image	A. 2 B. 1 C. 3 D. 4

17	The curves $y = x^2$ , $y = x$ intersect at	A. (0,0) , (1, 1) B. (2, 4) D. (0,3), (-1, 1)
18	Question Image	
19	Question Image	D. None of these
20	Question Image	A. An equation B. Linear equation C. Rational fraction D. Identity