

## NAT II Physical Science Mathematics

Sr	Questions	Answers Choice
1	If 1 + Cos x = 0, then x =	
2	Question Image	
3	For which of the following ordered pairs (s, t) is $s + t > 2$ and $s - t < -3$ ?	A. (3, 2) B. (2, 3) C. (1, 8) D. (0, 3)
4	Question Image	A. A linear equation     B. A cubic equation     C. A quadratic equation     D. An equation for circle
5	a + x is	A. A trinomial B. A binomial C. A moomial D. An equation
6	Question Image	
7	In Binomial Expansion the coefficients of the terms equidistant from beginning and end of the expansion are	A. Zero B. Same C. Equal to preceding term D. Equal to following term
8	If you are looking a high point from the ground, then the angle formed is	A. Angle of elevation B. Angle of depression C. Right angle D. Horizon
9	Question Image	
10	Question Image	
11	The value of the polynomial $3x^3 + 4x^2 - 5x + 4$ at $x = -1$ is	A. 12 B. 1 C. 10 D10
12	The graph of a quadratic function is	A. Circle B. Ellipse C. Parabola D. Hexagon
13	The range of inequality x + 2 > 4 is	A. (-1, 2) B. (-2, 2) D. None
14	Question Image	
15	If $\alpha$ and $\beta$ be irrational roots of a quadratic equation, then	
16	If A = (3, 8) and B = (5, 6), then the distance between A and B is	B. 2 C. 1 D. 6
17	Question Image	
18	If x < y, 2x = A, and 2y =B, then	A. A = B B. A &It B C. A &It x D. B &It y
19	A relation in which the equality is true only for some values of the unknown variable is called	A. An identity B. An equation C. A polynomial D. Inverse function
20	Question Image	A. 0 B25 C. 5 D. 45