

## NAT II Physical Science Mathematics

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	The complement of set A relative to universal set U is the set	D. A - U
4	Which of the following integrals can be evaluated	
5	Question Image	A. An irrational number B. Whole number C. A positive integer D. A rational number
6	The Domain of $f(x) = \log x$ is	
7	Question Image	A. p < r B. p > r C. p + r < 0 D. p - r < 0
8	Question Image	A. 0 B2 C. 1 D. 4
9	The number of diagonals of a six sided figure are	A. 9 B. 6 C. 12 D. 3
10	The constant distance of all points of the cirlce from its centre is called the	A. Radius of the circle B. Secant of the circle C. Chord of the circle D. Diameter of the circle
11	Question Image	
12	The sum of the interior angles for a 16 sided polygon is	A. 4 pie B. 14 pie C. 8 pie D. 2 pie
13	Question Image	
14	120 degrees are equal to how many radians?	
15	Which of the following is the equation of a line with slope 0 and passing through the point (4, 3)	A. X = 4 B. X = -4 C. Y = 3 D. Y = -6
16	Question Image	
17	The value of the polynomial $3x^3 + 4x^2 - 5x + 4$ at $x = -1$ is	A. 12 B. 1 C. 10 D10
18	Write the first four terms of the arithmetic sequence if $a_1$ = 5 and other three consecutive terms are 23,26,29	A. 23, 26, 29, 32 B. 5, 8, 11, 14 C. 8, 11, 14, 17 D. None of these
19	If the angle of a triangle are in the ratio 2:3:7, the triangle is	A. Obtuse B. Acute C. Right angle D. Isosceles
20	If the 19th term of A.P is 8 and the 4th term is 20, then the first term is	A. 20.2 B. 25.5 C. 27.5 D. 37.5

