

NAT II Physical Science Mathematics

Qr.	Questions	Answers Choice
Sr	QUESHOTIS	
1	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
2	Two dice are rolled. The number of possible outcome in which at least one die shows 2 is?	A. 5 B. 12 C. 11 D. 7
3	If 2 Sin x Cos 2 x = Sin x then?	
4	Which of the following integrals can be evaluated	
5	Question Image	
6	The sum of the interior angles for a 16 sided polygon is	A. 4 pie B. 14 pie C. 8 pie D. 2 pie
7	Question Image	D. None
8	The sum of the series 1+5+9+13+17+21+25+29 is	A. 140 B. 130 C. 120 D. 110
9	Question Image	
10	a + x is	A. A trinomial B. A binomial C. A moomial D. An equation
11	The associative angle of 280°is	A. 100 b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px,">° B. 10 b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px,">° C. 80 b style="color: rgb(34, 34, 34) font-family: arial, sans-serif; font-size: 16px,">° D80 b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px,">° b80 b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px,">°
12	The equation of the line with gradient 1 passing through the point (h, k) is	A. Y = x + k - h B. Y = k/h x + 1 C. Y = x + h - k D. Ky = hx - 1
13	Cos 315°=	A. 0.707 B. 0.5 C. 1 D. 0
14	Question Image	
15	Question Image	
16	Question Image	A. Nilpotent matrix B. Singular matrix C. Non singular matrix D. Diagonal matrix
17	Question Image	
18	3/2 is	A. An irrational number B. Whole number C. A positive integer D. A rational number

19	How many elements are in the sample space of two rolling dies	A. 6 B. 12 C. 18 D. 36
20	If A and B are two events, then P(AUB) = ? (when A and B are disjoint)	A. P(A) - P(B) B. P(A) x P(B) C. P(A)+P(B)