

## Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Question Image	
2	The set of complex numbers forms a group under the binary operation of	A. Addition B. Multiplication C. Division D. Subtraction
3	Question Image	
4	Total number of terms in the expansion of $(a + b)^{5}$ + $(a - b)^{5}$ after simplification are	A. 3 B. 1 C. 4 D. 7
5	The graph of a quadratic function is	A. Circle B. Ellipse C. Parabola D. Hexagon
6	Question Image	A. 1 B. 2 C. 3 D. 4
7	How many elements are in the sample space of two rolling dies	A. 6 B. 12 C. 18 D. 36
8	An angle of one radian is equivalent to	A. 90 b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px,">° B. 60 b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px,">° C. 67 b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px,">° D. 57 b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px,">° <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px,">°<span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px,">18<sup style="">'</sup></span></span>
9	Question Image	D. None of these
10	Question Image	A. Tan x B. X C x
11	Question Image	
12	A point of a solution region where two of its boundary lines intersect, is called	A. Boundary B. Inequality C. Half Plane D. Vertex
13	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
14	Question Image	A. Free vector B. Null vector C. Unit vector D. None of these
15	Question Image	
16	Question Image	A. 2 B. 1 C. 3 D. 4

7	Which of the following is the subset of all sets?	B. {1, 2,3} D. {0}
8	Question Image	
9	The conic is a parabola if	A. e < 1 B. e > 1 C. e = 1 D. e = 0
0	Question Image	