

## Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	
4	Question Image	
5	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
6	A point of a solution region where two of its boundary lines intersect, is called	A. Boundary B. Inequality C. Half Plane D. Vertex
7	Question Image	A. Nilpotent matrix B. Singular matrix C. Non singular matrix D. Diagonal matrix
8	Question Image	A. 1 B. 0 C2 D. 3
9	The difference of two consecutive terms of an A.P. is called	A. Constant of series B. Common ratio C. Common difference D. General term
		A. 1 B. 2
10	Question Image	C. 3 D. 4
11	The circle $(x-2)^2$ + $(y+3)^2$ = 4 is not concentric with the circle	A. (x-2) <sup>2</sup> + (y+3) <sup>2</sup> = 9 B. (x+2) <sup>2</sup> + (y-3) <sup>2</sup> = 4 C. (x-2) <sup>2</sup> + (y+3) <sup>2</sup> = 8 D. (x-2) <sup>2</sup> + (y+3) <sup>2</sup> = 5
12	Question Image	
13	Question Image	A. 0 B2 C. 1 D. 4
14	Question Image	
15	Question Image	
16	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)
17	Question Image	A. 15 B. 60 C. 90 D. 20
18	Question Image	A. 0 B. 1 C1 D. 2
19	Sin x + Cos x = 1 x =	