

## Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Which of the following ordered pair is a solution of the inequality $x+2y<6$ ?	A. (2,3) B. (2,2) C. (6,0) D. (1,1)
4	An event having more than one sample point is called	A. Certain event B. Compound event C. Simple event D. None
5	The maximum value of the quadratic function $f(x) = 2x^2 - 4x + 7$ , is	A. 3 B. 5 C. -3 D. -5
6	Question Image	
7	Question Image	
8	The square matrix A is skew-symmetric when $A^t =$	A. -B B. -C C. -A D. -D
9	When the angle between the ground and the sun is $30^\circ$ , flag pole casts a shadow of 40 m long. the height of the top of the flag is	A. 25m B. 23m C. 12m D. 29m
10	The term involving $x^4$ in the expansion $(3-2x)$ is	A. $17x^{>4}$ B. $15120x^{>4}$ C. $313x^{>4}$ D. $-25x^{>4}$
11	Question Image	
12	Question Image	A. 0 B. -1 C. 1
13	The function sine and Cosine have the closed interval as their range	A. [1, 0] B. [-1, 1] C. [0, 1] D. [-1, 2]
14	Question Image	
15	Question Image	A. A = C B. A = B C. B = C D. None of these
16	If $f(x) = -x^3$ then $f(-2)$ is	A. -2 B. -4 C. -8 D. 8
17	Question Image	
18	Question Image	
19	For trivial solution $ A $ is	A. A B. $ A  = 0$ C. A = 0 D. $ A  \neq 0$
20	Question Image	