

## Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	<input type="text" value="Question Image"/>	D. None of these
2	<input type="text" value="Question Image"/>	
3	The point (-5, 3) is the center of a circle and P(7, -2) lies on the circle. The radius of the circle is	A. 2 B. 13 C. 7 D. 8
4	<input type="text" value="Question Image"/>	A. A + B B. $C^{\sup>2\sup>/AB}$ C. $A^{\sup>2\sup>/BC}$ D. $B^{\sup>2\sup>/AC}$
5	A line segment whose end points lie on a circle is called	A. The secant of the circle B. The arc of the circle C. The chord of the circle D. The circumference of the circle
6	If n is a positive integer, then $3+6+9+ \dots +3n =$	
7	<input type="text" value="Question Image"/>	A. 0 B. -2 C. 1 D. 4
8	<input type="text" value="Question Image"/>	
9	<input type="text" value="Question Image"/>	
10	<input type="text" value="Question Image"/>	
11	<input type="text" value="Question Image"/>	
12	<input type="text" value="Question Image"/>	D. None of these
13	Period of $\sin 2x =$	
14	In Binomial Expansion the coefficients of the terms equidistant from beginning and end of the expansion are	A. Zero B. Same C. Equal to preceding term D. Equal to following term
15	<input type="text" value="Question Image"/>	
16	What is the domain of $y = \cot^{-1}x$ ?	A. Set of irrational number only B. Set of all real numbers C. Set of intergers only D. Set of complex numbers only
17	The nth term of of A.P: 1,5,9,15,..... is given by	A. $4n - 3$ B. $4n + 1$ C. $3n - 4$ D. $4n + 3$
18	How many elements are in the sample space of two rolling dies	A. 6 B. 12 C. 18 D. 36
19	<input type="text" value="Question Image"/>	
20	The nth term in G.P 3,-6,12,..... is	A. $3(-2)^{\sup>n-1\sup>}$ B. $2(-2)^{\sup>n+1\sup>}$ C. $3(-2)^{\sup>n\sup>}$ D. $4(-2)^{\sup>n-1\sup>}$