

Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Two natural numbers whose sum is 25 and difference is 5, are	A. 25, 20 B. 20, 10 C. 20, 5 D. 15, 10
2	$\frac{3}{2}$ is	A. An irrational number B. Whole number C. A positive integer D. A rational number
3	The number of diagonals of a six sided figure are	A. 9 B. 6 C. 12 D. 3
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. A positive integer B. A negative integer C. A natural number D. An irrational number
5	The multiplicative inverse of -1 in the set $\{-1, 1\}$ is	A. 1 B. -1 C. $\frac{1}{-1}$ D. 0
6	The set of the first elements of the ordered pairs forming a relation is called its	A. Function on B B. Range C. Domain D. A into B
7	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1 C. -1 D. 2
8	Question Image <input style="width: 500px; height: 20px;" type="text"/>	D. None
9	The value of the polynomial $3x^3 + 4x^2 - 5x + 4$ at $x = -1$ is	A. 12 B. 1 C. 10 D. -10
10	Which of the following is the subset of all sets?	B. $\{1, 2, 3\}$ D. $\{0\}$
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
12	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
13	A point of a solution region where two of its boundary lines intersect, is called	A. Boundary B. Inequality C. Half Plane D. Vertex
14	In 30,60,90 triangle, if the smallest side is 6 then the side opposite to the angle of 60° is	A. 12 B. 3 D. 6
15	The nth term of of A.P:1,5,9,15,..... is given by	A. $4n - 3$ B. $4n + 1$ C. $3n - 4$ D. $4n + 3$
16	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
17	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
18	If in isosceles right angled triangle, one side is a then hypotenuse is	C. a D. cannot be determined by given information
19	Question Image <input style="width: 500px; height: 20px;" type="text"/>	D. None of these

