

## Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Question Image	A. A polynomial B. An inequality C. An identity D. A linear function
2	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
3	Question Image	A. 0 B. -2 C. 1 D. 4
4	Question Image	
5	0 (Zero) is	A. An irrational number B. A rational number C. A negative integer D. A positive number
6	Question Image	
7	If A and B are two events, then $P(A \cup B) = ?$ (when A and B are disjoint)	A. $P(A) - P(B)$ B. $P(A) \times P(B)$ C. $P(A) + P(B)$
8	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
9	Question Image	
10	Question Image	A. 1 B. 2 C. 3 D. 4
11	Question Image	
12	Question Image	
13	Question Image	A. 2 B. 1 C. 0
14	A relation in which the equality is true only for some values of the unknown variable is called	A. An identity B. An equation C. A polynomial D. Inverse function
15	Question Image	A. $A + B$ B. $C^{\sup>2\sup>/AB}$ C. $A^{\sup>2\sup>/BC}$ D. $B^{\sup>2\sup>/AC}$
16	Question Image	D. None of these
17	Question Image	
18	If the 19th term of A.P is 8 and the 4th term is 20, then the first term is	A. 20.2 B. 25.5 C. 27.5 D. 37.5
19	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
20	Question Image	A. (-1, 2)

