

## 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	<input type="text" value="Question Image"/>	
4	The value of the polynomial $3x^3 + 4x^2 - 5x + 4$ at $x = -1$ is	A. 12 B. 1 C. 10 D. -10
5	If $x < y$ , $2x = A$ , and $2y = B$ , then	A. $A = B$ B. $A < B$ C. $A < x$ D. $B < y$
6	If $-1 < x < 0$ , which of the following statements must be true?	A. $x < x^2 < x^3$ B. $x < x^3 < x^2$ C. $x^2 < x < x^3$ D. $x^2 < x < x^3$
7	<input type="text" value="Question Image"/>	
8	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
9	<input type="text" value="Question Image"/>	
10	If $P(E)$ is the probability that can event will occur, then $P(E) =$	A. 1 B. 0.5 C. 2 D. 0
11	<input type="text" value="Question Image"/>	
12	A vector of magnitude zero is called	A. Position vector B. Null vector C. Free vector D. None of these
13	The number of diagonals of a six sided figure are	A. 9 B. 6 C. 12 D. 3
14	A function $F(x)$ is called even if	A. $F(x) = F(-x)$ B. $F(x) = F(-x)$ C. $F(x) = -F(x)$ D. $2F(x) = 0$
15	<input type="text" value="Question Image"/>	A. $n = 3$ only B. $n > 5$ C. $n > 3$ D. $n < 5$
16	If $A$ and $B$ are matrices such that $AB=BA=I$ then	A. $A$ and $B$ are multiplicative inverse of each other B. $A$ and $B$ are additive inverses of each other C. $A$ and $B$ are singular matrices D. $A$ and $B$ are equal
17	$\frac{3}{2}$ is	A. An irrational number B. Whole number C. A positive integer D. A rational number

18 Question Image

19 Question Image

20 Question Image

- A. A polynomial
- B. An inequality
- C. An identity
- D. A linear function