

Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Question Image <input type="text"/>	A. (0, e) B. (0, 1) D. None
2	Question Image <input type="text"/>	A. 2 B. 1 C. 0
3	Question Image <input type="text"/>	
4	Question Image <input type="text"/>	A. An equation B. Linear equation C. Rational fraction D. Identity
5	A vector of magnitude zero is called	A. Position vector B. Null vector C. Free vector D. None of these
6	Question Image <input type="text"/>	
7	If n is a positive integer, then $3+6+9+ \dots +3n =$	
8	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
9	Question Image <input type="text"/>	
10	If $2 \sin x \cos 2x = \sin x$ then?	
11	$\frac{3}{2}$ is	A. An irrational number B. Whole number C. A positive integer D. A rational number
12	Question Image <input type="text"/>	
13	The values of n such that, in the binomial expansion of $(1-x)^n$, co-efficient of x^2 , co-efficient of x^2 is 3, are	A. -2, -3 B. 2, -3 C. -2, 3 D. None of these
14	Question Image <input type="text"/>	A. 1 B. 2 C. 3 D. 4
15	Question Image <input type="text"/>	
16	Question Image <input type="text"/>	
17	Question Image <input type="text"/>	A. 15 B. 15 i C. -15 i D. -15
18	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
19	Question Image <input type="text"/>	A. 2 B. 1 C. 3 D. 4
20	The conic is a parabola if	A. $e < 1$ B. $e > 1$ C. $e = 1$ D. $e = 0$

