

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
2	Every subset of a finite set is	A. Disjoint B. Null C. Finite D. Infinite
3	1.4142135... is _____	A. A natural number B. A rational number C. A prime number D. An irrational number
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. image B. pre-image C. constant D. none of these
5	Domain of $\sin \theta$ is	A. Set of real numbers B. Set of complex numbers C. Set of natural numbers D. Set of even numbers
6	If the line $2x - y + k = 0$ is a diameter of the circle $x^2 + y^2 + 6x - 6y + 5 = 0$ then k is equal to	A. 12 B. 9 C. 6 D. 3
7	The degree of differential equation is the power of the	A. Lowest order derivative B. Highest order derivative C. Integral D. All are correct
8	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1 C. 2 D. none of these
9	A statement which is either true or false is called	A. Induction B. Deduction C. Proposition D. Logic
10	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. I and II quadrants B. I and III quadrants C. II and III quadrants D. II and IV quadrants
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	D. all are correct
12	$\sin 2\alpha =$	
13	The general term of a sequence is denoted by	A. a_{1} B. a_n C. n D. s_n
14	Which of the following ordered pair is a solution of the inequality $x + 2y < 6$?	A. (2,3) B. (2,2) C. (6,0) D. (1,1)
15	The root of the quadratic equation are	A. 3 B. 2 C. 1 D. 4
16	The distance between the points (2, 2) and (3, 3) is	A. 10 C. 5 D. 2
17	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
18	The set of rational numbers is subset of	A. The set of natural numbers B. The set of real numbers

18 The set of rational numbers is subset of

- C. The set of integers
- D. The set of whole numbers

19 Question Image

20 Question Image