ICS Part 2 Mathematics Full Book Test Online

Sr	Questions	Answers Choice
1	The number e denotes the _____ of the conic:	A. Directrix B. Vertex C. Focus D. Eccentricity
2	Question Image	
3	Question Image	A. R B. R - {2} C. R - {2, -2} D. R - {-2}
4	Question Image	A. 0 B. 2 C. 3 D. 1
5	Question Image	A. equal to each other B. not equal to each other C. nearly equal to each other D. None of these
6	Question Image	A. Integration by parts B. Definite integral C. Differentiation D. None of these
7	Question Image	A. $x = 0$ B. $y = -a$ C. $y = 0$ D. $y = -a$
8	Question Image	A. 1 B. 2 C. 3 D. 0
9	The term function was introduced by:	A. Euler B. Newton C. Lagrange D. Leibniz
10	The inequality y > b is the open half plane to the _____ of the boundary line y = b:	A. Above B. Left C. Below D. Right
11	ax + b > c is an inequality of:	A. One variable B. Three variable C. Two variable D. Four variable
12	ax + b < c is a inequality of:	A. One variable B. Two variable C. Three variable D. Four variable
13	If the equation of the parabola x^2 = 4ay, then opening of the parabola is upward of the:	A. x-axis B. y-axis C. Major axis D. Minor axis
14	The number e denotes the _____ of the conic:	A. Directrix B. Vertex C. Focus D. Eccentricity
15	Question Image	A. domain B. range C. lower limit D. upper limit
16	The general solution of differential equation of order n contains n arbitrary constants, which can be determined by ------------ initial value conditions.	A. 1 B. 0 C. 2

17	The graph of 2x + y < 2 is the open half plane which is _____ the origin side of 2x + y = 2:	A. At B. Not an C. On D. None of these
18	The small change in the value ofx, positive or negative is called the -------- of x.	A. Increment B. Differential C. Derivative D. none of these
19	Question Image	A. Open B. Closed C. Open as well as closed D. None of these
20	If a variable y depends on a variable x in such a way that each value of x determines exactly one value of y, then y is a _____ of x.	A. Independent variable B. Not function C. Function D. None of these