ICS Part 2 Mathematics Full Book Test Online

Sr	Questions	Answers Choice
1	Question Image	A. equal to each other B. not equal to each C. nearly equal to each other D. none of these
2	Question Image	
3	If the upper limit is a constant and the lower limit is a variable, then the integral is a function of:	A. x B. y C. lower limit D. upper limit
4	Question Image	A. a B. b C. c D. a + b
5	Which of the following is not a vector quantity ?	A. Weight B. Mass C. Force D. Velocity
6	Question Image	D. 2
7	The point (5, 8) lies the line $2x - 3y + 6 = 0$	A. Above B. Below C. On D. None
8	The line $x = a$ is on the right of y - axis if:	A. a > 0 B. a < 0 C. a = 0
9	If the line segment obtained by joining any two points of a region lies entirely within the region, then the region is called _____:	A. Maximum B. Vertex C. Minimum D. Convex
10	The distance between the center of a circle and any point of the circle is called:	A. Tangents B. Secant C. Diameter D. Radius
11	Question Image	A. 0 B. 2 C. 3 D. 1
12	The function $f(x) = 3x^2$ has minimum value at :	A. x = 3 B. x = 2 C. x = 1 D. x = 0
13	If a straight line is perpendicular to y-axis, then its slope is:	A. 1 B. -1 C. 0 D. undefined
14	tanh x =	
15	A region, which is restricted to the _____ quadrant, is referred to as a feasible region for the set of given contraints.	A. First B. Third C. Second D. Fourth
16	Question Image	
17	The vertical line y'oy is called:	A. x-axis B. y-axis C. abscissa D. Ordinate
18	Question Image	A. c B. 0 C. 1

| C. 1 |
| D. -c |

19	A line that touches the curve without cutting through it is called:	A. Straight line
		B. Tangent line
		C. Normal line
		D. Vertical line

20	Question Image	A. Ellipse
		B. Parabola
		C. Hyperbola
		D. Circle