ICS Part 2 Mathematics Chapter 1 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. Undefined B. $3a^2$ C. a^2 D. 0
2	Let f(x) = cos x, then f(x) is an:	A. Even function B. Odd function C. Power function D. None of these
3	Question Image	
4	If x and y are so mixed up and y cannot be expressed in terms of the independent variable x, then y is called a/an ---- function of x.	A. Constant B. Explicit C. Implicit D. Inverse
5	$Cosh^2 x + Sinh^2 x =$	A. $Cosh \, x^2$ B. Cosh 2x C. Sinh 2x D. Tanh 2x
6	If y = (x), then the variable x is called --------- variable of a function f.	A. Dependent B. Independent C. Image of y D. None of these
7	Question Image	A. Constant function B. Absolute linear function C. Linear function D. Quadratic function
8	Question Image	A. R B. R - {2} C. R - {2, -2} D. R - {-2}
9	Question Image	A. Implicit B. Explicit C. Exponential D. Logarithmic
10	Question Image	A. sin x B. cos x C. sinh x D. cosh x
11	Question Image	A. 1 B. 2 C. 3 D. 4
12	Question Image	A. Common logarithmic B. Natural logarthmic C. Exponential D. None of these
13	Question Image	A. Even B. Odd C. One-one D. Zero
14	Question Image	A. 4 B. Does not exist
15	Question Image	A. Parabola B. Hyperbola C. Ellipse D. Circle
16	A function, in which the variable appears as exponent (power), is called a / an -------- function.	A. Constant B. Explicit C. Exponential D. Inverse

17	f (x) = x secx, then f(0)=	A. -1 B. 0 C. 1
18	The area A of a circle as a function of its circumference C is:	
19	If a function f is from a set X to a set Y, then set X is called the _____ of f:	A. Domain B. Range C. Co-domain D. None of these
20	x = 3 cos t, y = 3 sin t represent	A. Line B. Circle C. Parabola D. Hyperbola