

## ICS Part 2 Mathematics Chapter 1 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. Constant B. Implicit C. Identity D. Inverse
2	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
3	Inverse hyperbolic functions are expressed in terms of natural:	A. Numbers B. Exponential C. Logarithms D. Sines
4	Which one is a constant function ?	A. f(x) = x <sup>2</sup> B. f(x) = x C. f(x) = x + 1 D. f(x) = 14
5	A function, in which the variables are numbers, then function is called a real valued function of real numbers.	A. Complex B. Rational C. Real D. None of these
6	Question Image	A. Continuous at x = 1  B. Not continuous at x = 1  C. Both a and b  D. none
7	Question Image	A. 0 B. 1 C. e D. Does not exist
8	The linear function $f(x) = ax + b$ is an identity function if:	A. a = 0, b = 1 B. a = 1, b = 0 C. a = 1, b = 1 D. a = 0, b = 1
9	Question Image	A. Implicit B. Explicit C. Exponential D. Logarithmic
10	Question Image	A. Constant function B. Absolute linear function C. Linear function D. Quadratic function
11	A function, in which the variable appears as exponent (power), is called a / anfunction.	A. Constant B. Explicit C. Exponential D. Inverse
12	Question Image	A. 0 B. 2 C. 1 D. 3
13	$f(x) = x \sec x$ , then $f(0)=$	A1 B. 0 C. 1
14	A function $P(x) = 6x^4 + 7x^3 + 5x + 1$ is called a polynomial function of degree with leading coefficient	A. 4, 6 B. 2, 7 C. 2, 3 D. 2, 5
15	Which one is not an exponential function ?	
16	Question Image	
		Δ Even

17	$f(x) = \sin x + \cos x$ is function:	B. Odd C. Composite D. Neither even nor odd function
18	If $f(x) =  x $ , $f(x)$ is a:	A. Constant function B. Absolute function C. Linear function D. Quadratic function
19	Question Image	A. Undefined B. 3a <sup>2</sup> C. a <sup>2</sup> D. 0
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