FSC Part 2 Mathematics Chapter 1 Test Online

Sr	Questions	Answers Choice
1	If f(x) = |x|, f(x) is a:	A. Constant function B. Absolute function C. Linear function D. Quadratic function
2	f(x) is odd function. If and only if:	A. $f(-x) = -f(x)$ B. $f(-x) = f(x)$ C. $f(x) = 3f(-x)$ D. $f(x) = -3f(-x)$
3	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
4	Let $f(x) = x^3 + \sin x$, then f(x) is:	A. Even function B. Odd function C. Power function D. None of these
5	Inverse hyperbolic functions are expressed in terms of natural:	A. Numbers B. Exponential C. Logarithms D. Sines
6	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
7	If y is an image of x under the function f, we denote it by:	A. $x = f(y)$ B. $x = y$ C. $y = f(x)$ D. $f(x, y) = c$
8	Question Image	A. R B. R - {2} C. R - {2, -2} D. R - {-2}
9	Question Image	A. sin x B. cos x C. sinh x D. cosh x
10	The area A of a circle as a function of its circumference C is:	
11	Let f(x) = cos x, then f(x) is an:	A. Even function B. Odd function C. Power function D. None of these
12	Let $f(x) = x^2 + 3$, then domain of f is:	A. Set of all integers B. Set of natural numbers C. Set of real numbers D. Set of rational numbers
13	Question Image	A. Constant B. Implicit C. Explicit D. Inverse
14	Question Image	A. Constant function B. Absolute linear function C. Linear function D. Quadratic function
15	tanh x =	
16	If the degree of a polynomial function is ------------, then it is called a linear function:	A. 0 B. 1 C. 2 D. 3
		A. Graph

17	Every relation, which can be represented by a linear equation in two variables, represents a:	B. Function C. Cartesian product D. Relation
18	Question Image	A. f(x^2 + 1) B. f(x) D. f(x^2)
19	Which one is an identity function ?	B. f(x) = g(x) C. f (x) = x D. f(x) = 1
20	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