FA Part 2 Mathematics Chapter 1 Test Online

Sr	Questions	Answers Choice
1	tanh x =	
2	Question Image	A. Even B. Odd C. One-one D. Zero
3	Question Image	A. Line B. Parabola C. Ellipse D. Hybperbola
4	x = 3 cos t, y = 3 sin t represent	A. Line B. Circle C. Parabola D. Hyperbola
5	Question Image	A. 0 B. 2 C. 1 D. 3
6	Question Image	A. 4, -4 B. 0 C. 2, -2 D. 0, 4
7	Question Image	A. Common logarithmic B. Natural logarthmic C. Exponential D. None of these
8	Parametric equations x = a cos t, y = a sin t represent the equation of:	A. Line B. Circle C. Parabola D. Ellipse
9	$Cosh^2 x - Sinh^2 x =$	A. 1 B. -1 C. 2 D. -2
10	Question Image	A. Constant B. Implicit C. Explicit D. Inverse
11	Which one is not an exponential function ?	
12	Let f(x) = cos x, then f(x) is an:	A. Even function B. Odd function C. Power function D. None of these
13	A function, in which the variable appears as exponent (power), is called a / an -------- function.	A. Constant B. Explicit C. Exponential D. Inverse
14	The symbol y = f(x) i.e. y is equal to f of x, invented by Swiss mathematician----------:	A. Euler B. Cauchy C. Leibniz D. Newton
15	Inverse hyperbolic functions are expressed in terms of natural:	A. Numbers B. Exponential C. Logarithms D. Sines
16	Question Image	A. Undefined B. 3a² C. a² D. 0

17	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
18	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)
19	The term function was introduced by:	A. Euler B. Newton C. Lagrange D. Leibniz
20	Question Image	A. f(x² + 1) B. f(x) D. f(x²)