

FA Part 2 Mathematics Chapter 1 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. sin x B. cos x C. sinh x D. cosh x
2	Let $f(x) = x^2$, then range of f is the set of all:	A. Real numbers B. Non-negative real numbers C. Non-negative integers D. Complex numbers
3	Question Image	A. Constant B. Implicit C. Explicit D. Inverse
4	$x^2 + y^2 = 4$ is:	A. Function B. Not a function C. Ellipse D. Line
5	$x = 3 \cos t$, $y = 3 \sin t$ represent	A. Line B. Circle C. Parabola D. Hyperbola
6	Question Image	A. 1 B. 2 C. 3 D. 4
7	Which one is an identity function ?	B. $f(x) = g(x)$ C. $f(x) = x$ D. $f(x) = 1$
8	Question Image	A. 0 B. 2 C. 1 D. 3
9	$f(x) = \sin x + \cos x$ is function:	A. Even B. Odd C. Composite D. Neither even nor odd function
10	Question Image	A. f(x ² + 1) B. f(x) D. f(x ²)
11	Question Image	A. Common logarithmic B. Natural logarthmic C. Exponential D. None of these
12	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
13	cosh ⁻¹ x =	
14	Question Image	A. Continuous at x = 1 B. Not continuous at x = 1 C. Both a and b D. none
15	Question Image	A. Line B. Parabola C. Ellipse D. Hybperbola
16	Question Image	A. R B. R - {2} C. R - {2, -2} D. R - {-2}

17	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. $f(x) = -3f(-x)$
18	Question Image	A. Constant function B. Absolute linear function C. Linear function D. Quadratic function
19	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
20	Question Image	A. Constant B. Implicit C. Identity D. Inverse