

ECAT Mathematics Chapter 17 Functions and Limits Online Test

Sr	Questions	Answers Choice
1	$f(x) = 3x/x^2 + 1$ is:	A. an even function B. an odd function C. an even and implicit function D. neither even nor a odd
2	$f(x) = 3x^4 - 2x^2 + 7$ is:	A. an even function B. an odd function C. an even and implicit function D. neither even nor a odd
3	$f(x) = x^3 - x/x^2 + 1$ is :	A. an even function B. an odd function C. an even and implicit function D. neither even nor a odd
4	$\cos^2 x + \sin^2 x$	A. an even function B. an odd function C. an even and implicit function D. neither even nor a odd
5	$f(x) = x^3$ is:	A. an odd function B. an even function C. an implicit function D. a quadratic function
6	$f(x) = \sin x$ is:	A. an odd function B. an even function C. an implicit function D. an exponential function
7	A function f is said to be an even if $f(-x) =$	A. 0 B. 1 C. $f(x)$ D. $-f(x)$
8	$xy = 2$ is:	A. a constant function B. an identity function C. an improper function D. implicit function
9	A function of the form $p(x)/Q(x)$ is called:	A. Rational function B. Logarithmic function C. Exponential function D. Hyperbolic function
10	A function in which the variable appears as exponent is called:	A. An identity function B. A logarithmic function C. an exponential function D. A rational function