

FSC Part 2 Mathematics Chapter 1 Test Online


Sr	Questions	Answers Choice
1	Question Image	A. 0 B. 1 C. e D. Does not exist
2	Question Image	A. Continuous at $x = 1$ B. Not continuous at $x = 1$ C. Both a and b D. none
3	Question Image	A. 4 B. Does not exist
4	The area A of a circle as a function of its circumference C is:	
5	$\cosh^{-1}x =$	
6	Question Image	
7	Question Image	A. Undefined B. $3a^{>2<}/sup>$ C. $a^{>2<}/sup>$ D. 0
8	Question Image	
9	Question Image	A. 1 B. 2 C. 3 D. 4
10	Let $f(x) = x^3 + \sin x$, then $f(x)$ is:	A. Even function B. Odd function C. Power function D. None of these
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	$f(x) = \sin x + \cos x$ is ----- function:	A. Even B. Odd C. Composite D. Neither even nor odd function
13	Question Image	A. Even B. Odd C. One-one D. Zero
14	$f(x)$ is odd function. If and only if:	A. $f(-x) = -f(x)$ B. $f(-x) = f(x)$ C. $f(x) = 3f(-x)$ D. $f(x) = -3f(-x)$
15	If $y = f(x)$, then the variable x is called ----- variable of a function f .	A. Dependent B. Independent C. Image of y D. None of these
16	The function $y = \ln x$ is a/an ----- function of x .	A. Constant B. Explicit C. Exponential D. Logarithmic
17	$f(x) = x \sec x$, then $f(0) =$	A. -1 B. 0 C. 1
18	$x^2 + y^2 = 4$ is:	A. Function B. Not a function C. Ellipse D. Line

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$x = 3 \cos t$, $y = 3 \sin t$ represent

- A. Line
- B. Circle
- C. Parabola
- D. Hyperbola

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Question Image 

- A. Line
- B. Parabola
- C. Ellipse
- D. Hyperbola