

## FA Part 2 Mathematics Full Book Test Online

Sr	Questions	Answers Choice
1	The range of the function $f(x) =  x $	
2	Question Image	A. R B. $R - \{2\}$ C. $R - \{2, -2\}$ D. $R - \{-2\}$
3	Question Image	A. 4, -4 B. 0 C. 2, -2 D. 0, 4
4	Let $f(x) = x^2$ , real valued function then domain of f is the set of all:	A. Real numbers B. Integers C. Positive numbers D. Natural numbers
5	Question Image	A. 0 B. 2 C. 1 D. 3
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	Question Image	A. $f(x^{>2} + 1)$ B. $f(x)$ D. $f(x^{>2})$
8	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
9	If a variable y depends on a variable x in such a way that each value of x determines exactly one value of y, then y is a _____ of x.	A. Independent variable B. Not function C. Function D. None of these
10	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
11	The term function was introduced by:	A. Euler B. Newton C. Lagrange D. Leibniz