

Business Mathematics Icom Part 1 Chapter 3 Online Test

Sr	Questions	Answers Choice
1	Question Image	A. {3} B. R C. $R - \{x = 3\}$ D. None of these
2	A set of all values of 'X' is called	A. Function B. Domain C. Range D. Constant function
3	The graph of a quadratic function is called a	A. Quadratic graph B. Parabola C. Curve D. Horizontal line
4	If every element of matrix is zero that matrix is called:	A. Null matrix B. Square matrix C. Identity matrix D. Row matrix
5	If A is matrix of order $m \times n$ then to get AB, the matrix B must be of order.	A. $m \times m$ B. $p \times p$ C. $m \times p$ D. $n \times p$
6	If $h(x) = 1/x - 5$; then $h(5)$ will be:	A. Defined B. Infinite C. Finite D. None of these
7	How many methods are used to solve quadratic equations.	A. 3 B. 4 C. 5 D. 6
8	The point (4,0) lies in/an:	A. 1st quadrant B. 3rd quadrant C. x-axis D. y- axis
9	The point where both the axes intersect is called	A. Abscissa B. Ordinate C. Coordinate D. Origan
10	$F(-x) = -f(x)$ means	A. Implicit function B. Even function C. Odd function D. Domain
11	$f(x) = 5$ express as $5x^0$ is called	A. Polynomial function of zero degree B. Constant C. Polynomial function D. Domain
12	If matrix contains single column and 3 rows then this type of matrix is called.	A. Row matrix B. Column matrix C. Null matrix D. Identity matrix
13	$f(x) = ax + b$ is a form of	A. Quadratic function B. Linear function C. Constant function D. Explicit function
14	$f(x) = \sqrt[n]{x}$ is:	A. Constant function B. Compound function C. Not a polynomial function D. None of these
15	The coordinate axes consist of	A. Two lines B. Four lines C. One line D. Three lines

16 The origin is:

A. (0,x)
B. (y,0)
C. (0,0)
D. (x,y)

17 The function $G(t) = 5t - 3/2$ is:

A. Constant
B. **Linear**
C. Quadratic
D. Absolute

18 $f(x) = 2x + 1$ is a form of

A. **Linear function**
B. Quadratic function
C. Odd function
D. Even function

19 Coordinate axes are:

A. X-axis only
B. Y-axis only
C. Origin
D. Both x-axis and y-axis

20 Range is asset of all:

A. **Output values**
B. Input values
C. Both input & output values
D. None of these
