

## Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	The binary number "10" is in decimal number system is equivalent to:	A. 1 B. 2 C. 3 D. 4
2	Do $(A + B) + C = A + (B + C)$ ?	A. No B. Yes C. May or may not D. Never
3	If A is a singular matrix then:	A. $A = 0$ B. $ A  = 0$ C. $A \neq 0$ D. $ A  \neq 0$
4	What percent Rs. 30 is of 300	A. 30% B. 10% C. 20% D. 15%
5	$f(x) = ax + b$ is a form of	A. Quadratic function B. Linear function C. Constant function D. Explicit function
6	Simultaneous equations can be solved in ways.	A. 2 B. 3 C. 4 D. 5
7	Formula to calculate compounded amount is:	A. $P(1 + i)^n$ B. $P(1 + i)^{-n}$ C. $R(1 + i)$ D. $P(1 - i)^n$
8	In any function there will be only one:	A. Independent variable B. Dependent variable C. Random variable D. None of these
9	The positive difference among the sale price and cost price is called	A. Loss B. Profit C. Percentage D. Ratio
10	$ 3 \times  3  = ?$	A. $3^3$ B. 0 C. 1 D. None of these
11	In a square matrix number of rows and column are	A. Equal B. Now equal C. Greater D. Less then
12	$Aa^x + Ba^{-x} = C$ is a standard form of	A. Exponential equation B. Linear equation C. Quadratic equation D. Reciprocal equation
13	Order of the matrix having m rows and n columns is:	A. $m + n$ B. $m - n$ C. $m / n$ D. $m \times n$
14	To find the inverse of a matrix A we use the formula.	A. $ A  \text{Adj } A$ B. $ A  \text{Adj } A$ C. $\text{Adj } A /  A $ D. None
15	Two consecutive odd integers are:	A. x and $(x + 2)$ B. $(x + 1)$ and $(x + 3)$ C. $2x$ , $(2x + 2)$ D. $(2x + 1)$ and $(2x + 3)$

16	$f(x)=2x + 1$ is a form of	A. Linear function B. Quadratic function C. Odd function D. Even function
17	The fractional form of 8.5% is	A. $\frac{1}{2}$
18	In decimal system base of system is:	A. 2 B. 5 C. 8 D. 10
19	$F(-x)=-f(x)$ means	A. Implicit function B. Even function C. Odd function D. Domain
20	At what rate you can double your amount in a years.	A. 5% p.a B. 6% p.a C. 8% p.a D. 9% p.a