

## Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	Simultaneous equations can be solved in ways.	A. 2 B. 3 C. 4 D. 5
2	$(1101)_2 + (1001)_2 = \text{-----}$	A. $(10110)_2$ B. $(11100)_2$ C. $(10001)_2$ D. $(11011)_2$
3	If $Ax = B$ then x is	A. $BA^{-1}$ B. AB C. B/A D. $A^{-1}B$
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	In decimal system base of system is:	A. 2 B. 5 C. 8 D. 10
6	To find the inverse of a matrix A we use the formula.	A. $ A /Adj A$ B. $ A  Adj A$ C. $Adj A/ A $ D. None
7	Equation of the form $ax^4 + bx^3 + cx^2 + dx + e$ is:	A. Polynomial B. Reciprocal C. Irrational D. None of these
8	Do $(A + B) + C = A + (B + C)$ ?	A. No B. Yes C. May or may not D. Never
9	We cannot find the inverse of a:	A. Square matrix B. Diagonal matrix C. Triangular matrix D. Singular matrix
10	In a square matrix number of rows and column are	A. Equal B. Now equal C. Greater D. Less then
11	$(1100000)_2 - (111111)_2 = \text{-----} :$	A. $(100001)_2$ B. $(110001)_2$ C. $(100011)_2$ D. $(111110)_2$
12	20% of 70	A. 41 B. 14 C. 140 D. 1400
13	$S_{nj}$ is read us:	A. S angle i at n B. S angle n at i C. Amount S at i D. Annuity S at n
14	Basically proportion is of:	A. 4 types B. 3 types C. 2 types D. None of these
15	Annuity classified into categories is:	A. Four B. Three C. Two D. Five

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16	$(145)_{10} = ( )_2$	A. 10010001 B. 10010111 C. 11100001 D. 10001001
17	Cramer's rule is used to solve	A. System of quadratic equation B. System of linear equation C. Any system of equation D. None
18	The solution set of equation $x^2 + 2x + 1 = 0$ is	A. {1} B. {-1} C. {1, -1} D. None of these
19	$f(x)=ax + b$ is a form of	A. Quadratic function B. Linear function C. Constant function D. Explicit function
20	Lowest term of 60:360 is	A. 6:1 B. 1:6 C. 6:36 D. 5:36

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