

## Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	In decimal system $(12)_5$ is equal to	A. 17 B. 7 C. 15 D. 60
2	Number of digits in decimal system	A. 5 B. 8 C. 10 D. 9
3	Cramer's rule is used to solve	A. System of quadratic equation B. System of linear equation C. Any system of equation D. None
4	A square matrix A is said to be singular if	
5	If A is matrix of order $m \times n$ then to get AB, the matrix B must be order of	A. $m \times m$ B. $P \times P$ C. $m \times P$ D. $n \times P$
6	Any matrix "A" is a symmetric matrix if	A. $A = A$ B. $A = A^t$ C. $A = -A^t$ D. $A = A^{-1}$
7	Question Image	
8	Question Image	
9	Question Image	A. Equal B. Possible C. Not possible D. Zero
10	In a square matrix number of rows and column are	A. Equal B. Now equal C. Greater D. Less then
11	Question Image	A. Unit matrix B. Diagonal matrix C. Square matrix D. Singular matrix
12	The order of matrix [a]	A. $1 \times 1$ B. $2 \times 1$ C. $0 \times 1$ D. $1 \times 0$
13	The solution set for a quadratic equation $x^2 - 8x + 15$ is	A. (3, 5) B. (-3, -5) C. (3, -5) D. (-5, 3)
14	The solution set of equation $x^2 + 2x + 1 = 0$ is	A. {1} B. {-1} C. {1, -1} D. None of these
15	$Aa^x + Ba^{-x} = C$ is a standard form of	A. Exponential equation B. Linear equation C. Quadratic equation D. Reciprocal equation