

## Business Mathematics Icom Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	We cannot find the inverse of a:	A. Square matrix B. Diagonal matrix C. Triangular matrix D. Singular matrix
2	In binary system the base of the system is:	A. 2 B. 5 C. 8 D. 10
3	In decimal system base of system is:	A. 2 B. 5 C. 8 D. 10
4	$2 \times 10 + 3 \times 10^0 =$ .	A. 23 B. 24 C. 25 D. 26
5	A square matrix whose elements below the main diagonal are all zero is called.	A. Upper triangular matrix B. Lower triangular matrix C. Rectangular D. Row matrix
6	$A + 0$ is equal to:	A. 0 B. A C. $O + A$ D. None of these
7	If $Ax = B$ then $x$ is	A. $BA^{-1}$ B. $AB$ C. $B/A$ D. $A^{-1}B$
8	$ 3 \times  3  = ?$	A. $ 3 ^3$ B. 0 C. 1 D. None of these
9	If $A = [a_{ij}]$ , then $A^+$ is :	A. $[a_{ij}]$ B. $[b_{ji}]$ C. $[a_{ji}]$ D. $[a_{ii}]$
10	Do $AB = BA$ ?	A. Never B. Yes C. May or may not D. None of these
11	Do $(A + B) + C = A + (B + C)$ ?	A. No B. Yes C. May or may not D. Never
12	If A is a singular matrix then:	A. $A = 0$ B. $ A  = 0$ C. $A \neq 0$ D. $ A  \neq 0$
13	Any matrix "A" is a symmetric matrix if:	A. $A = -A$ B. $A = A^t$ C. $A = -A^t$ D. $A = A^t$
14	Order of the matrix having m rows and n columns is:	A. $m + n$ B. $m - n$ C. $m / n$ D. $m \times n$
15	Cramer's rule is used to solve	A. System of quadratic equation B. System of linear equation C. Any system of equation D. None

