Business Mathematics Icom Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Do AB = BA?	A. Never B. Yes C. May or may not D. None of these
2	A square matrix A is said to be singular if	
3	In binary system the base of the system is:	A. 2 B. 5 C. 8 D. 10
4	Order of the matrix having m rows and n columns is:	A. m + n B. m - n C. m / n D. m x n
5	The order of matrix [a]	A. 1 x 1 B. 2 x 1 C. 0 x 1 D. 1 x 0
6	Any matrix "A" is a symmetric matrix if	A. A = A B. $A = A^t$ C. $A = -A^t$ D. A = A-I
7	In a square matrix number of rows and column are	A. Equal B. Now equal C. Greater D. Less then
8	$2 \times 10 + 3 \times 10^0 =.$	A. 23 B. 24 C. 25 D. 26
9	If A is a singular matrix then:	A. A = 0 B. |A| = 0 C. A ≠ 0 D. |A| ≠ 0
10	Any matrix "A" is a symmetric matrix if:	A. A = -A B. $A = A^t$ C. $A = -A^t$ D. $A = A^{-t}$
11	A + 0 is equal to:	A. 0 B. A C. O + A D. None of these
12	Question Image	A. Unit matrix B. Diagonal matrix C. Square matrix D. Singular matrix
13	Question Image	A. Equal B. Possible C. Not possible D. Zero
14	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
15	We cannot find the inverse of a:	A. Square matrix B. Diagonal matrix C. Triangular matrix D. Singular matrix
16	Cramer's rule is used to solve	A. System of quadratic equation B. System of linear equation C. Any system of equation

17	Question Image	
18	If Ax = B then x is	A. BA^{-1} B. AB C. B/A D. A^{-1} B
19	Do (A + B) + C = A + (B + C)?	A. No B. Yes C. May or may not D. Never
20	In decimal system base of system is:	A. 2 B. 5 C. 8 D. 10
21	Question Image	
22	I3 x	I_3	= ?	A. I_3 B. 0 C. 1 D. None of these
23	If A = [aij], then A+ is :	A. [aij] B. [bji] C. [aji] D. [aii]
24	If A is matrix of order mxn then to get AB, the matrix B must be order of	A. m x m B. P x P C. m x P D. n x P