Business Mathematics Icom Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Any matrix "A" is a symmetric matrix if:	A. A = -A B. A = A^t C. A = -A^t D. A = A^{-t}
2	In decimal system base of system is:	A. 2 B. 5 C. 8 D. 10
3	If A is a singular matrix then:	A. A = 0 B. |A| = 0 C. A ≠ 0 D. |A| ≠ 0
4	If Ax = B then x is	A. BA⁻¹ B. AB C. B/A D. A⁻¹ B
5	The order of matrix [a]	A. 1 x 1 B. 2 x 1 C. 0 x 1 D. 1 x 0
6	If A = [aij], then A+ is :	A. [aij] B. [bji] C. [aji] D. [aii]
7	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
8	A + 0 is equal to:	A. 0 B. A C. O + A D. None of these
9	Question Image	A. Equal B. Possible C. Not possible D. Zero
10	Do AB = BA?	A. Never B. Yes C. May or may not D. None of these
11	We cannot find the inverse of a:	A. Square matrix B. Diagonal matrix C. Triangular matrix D. Singular matrix
12	Order of the matrix having m rows and n columns is:	A. m + n B. m - n C. m / n D. m x n
13	A square matrix A is said to be singular if	
14	$2 \times 10 + 3 \times 10^{0} =$.	A. 23 B. 24 C. 25 D. 26
15	Question Image	
16	Do (A + B) + C = A + (B + C)?	A. No B. Yes C. May or may not D. Never
17	Question Image	

18	Cramer's rule is used to solve	A. System of quadratic equation B. System of linear equation C. Any system of equation D. None
19	Question Image	A. Unit matrix B. Diagonal matrix C. Square matrix D. Singular matrix
20	I3 x | I_3 | = ?	A. I₃ B. 0 C. 1 D. None of these