Business Mathematics Icom Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	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
2	I3 x | I_3 | = ?	A. I₃ B. 0 C. 1 D. None of these
3	Any matrix "A" is a symmetric matrix if	A. A = A B. A = A^t C. A = -A^t D. A = A-I
4	Any matrix "A" is a symmetric matrix if:	A. A = -A B. A = A^t C. A = -A^t D. A = A^{-t}
5	A square matrix A is said to be singular if	
6	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
7	If A = [aij], then A+ is :	A. [aij] B. [bji] C. [aji] D. [aii]
8	If A is a singular matrix then:	A. A = 0 B. |A| = 0 C. A ≠ 0 D. |A| ≠ 0
9	Question Image	
10	In a square matrix number of rows and column are	A. Equal B. Now equal C. Greater D. Less then
11	If Ax = B then x is	A. BA⁻¹ B. AB C. B/A D. A⁻¹ B
12	We cannot find the inverse of a:	A. Square matrix B. Diagonal matrix C. Triangular matrix D. Singular matrix
13	Do (A + B) + C = A + (B + C)?	A. No B. Yes C. May or may not D. Never
14	2 x 10 + 3 x 10^{o} =.	A. 23 B. 24 C. 25 D. 26
15	Do AB = BA?	A. Never B. Yes C. May or may not D. None of these
16	Cramer's rule is used to solve	A. System of quadratic equation B. System of linear equation C. Any system of equation D. None

17	The order of matrix [a]	A. 1 x 1 B. 2 x 1 C. 0 x 1 D. 1 x 0
18	A + 0 is equal to:	A. 0 B. A C. O + A D. None of these
19	Order of the matrix having m rows and n columns is:	A. m + n B. m - n C. m / n D. m x n
20	Question Image	