Business Mathematics Icom Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	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
2	Any matrix "A" is a symmetric matrix if:	A. $A = -A$ B. $A = A^t$ C. $A = -A^t$ D. $A = A^{-t}$
3	In a square matrix number of rows and column are	A. Equal B. Now equal C. Greater D. Less then
4	$2 \times 10 + 3 \times 10^0 =$.	A. 23 B. 24 C. 25 D. 26
5	Cramer's rule is used to solve	A. System of quadratic equation B. System of linear equation C. Any system of equation D. None
6	If $Ax = B$ then x is	A. BA^{-1} B. AB C. B/A D. $A^{-1} B$
7	A square matrix A is said to be singular if	
8	Do $AB = BA$?	A. Never B. Yes C. May or may not 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	$A + 0$ is equal to:	A. 0 B. A C. $O + A$ D. None of these
11	Question Image	
12	Question Image	
13	If A is matrix of order mxn then to get AB, the matrix B must be order of	A. $m \times m$ B. $P \times P$ C. $m \times P$ D. $n \times P$
14	The order of matrix $[a]$	A. 1×1 B. 2×1 C. 0×1 D. 1×0
15	Any matrix "A" is a symmetric matrix if	A. $A = A$ B. $A = A^t$ C. $A = -A^t$ D. $A = A-I$
16	$I3 \times | I_3 | = ?$	A. I_3 B. 0 C. 1 D. None of these
17	Question Image	A. Equal B. Possible C. Not possible D. Z

D. Zero

18	If A is a singular matrix then:	A. A = 0 B. |A| = 0 C. A ≠ 0 D. |A| ≠ 0
19	We cannot find the inverse of a:	A. Square matrix B. Diagonal matrix C. Triangular matrix D. Singular matrix
20	In decimal system base of system is:	A. 2 B. 5 C. 8 D. 10