

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. $A = A^{-1}$
3	Any matrix "A" is a symmetric matrix if:	A. $A = -A$ B. $A = A^t$ C. $A = -A^t$ D. $A = A^{-t}$
4	The order of matrix [a]	A. 1 x 1 B. 2 x 1 C. 0 x 1 D. 1 x 0
5	If A is a singular matrix then:	A. $A = 0$ B. $ A = 0$ C. $A \neq 0$ D. $ A \neq 0$
6	In binary system the base of the system is:	A. 2 B. 5 C. 8 D. 10
7	In a square matrix number of rows and column are	A. Equal B. Now equal C. Greater D. Less then
8	If $A = [a_{ij}]$, then A^+ is :	A. $[a_{ij}]$ B. $[b_{ji}]$ C. $[a_{ji}]$ D. $[a_{ii}]$
9	Do $AB = BA$?	A. Never B. Yes C. May or may not D. None of these
10	We cannot find the inverse of a:	A. Square matrix B. Diagonal matrix C. Triangular matrix D. Singular matrix
11	If $Ax = B$ then x is	A. BA^{-1} B. AB C. B/A D. $A^{-1}B$
12	Question Image <input style="width: 50%; height: 15px;" type="text"/>	
13	A square matrix A is said to be singular if	
14	Do $(A + B) + C = A + (B + C)$?	A. No B. Yes C. May or may not D. Never
15	If A is matrix of order $m \times n$ then to get AB, the matrix B must be order of	A. $m \times m$ B. $P \times P$ C. $m \times P$ D. $n \times P$
16	Order of the matrix having m rows and n columns is:	A. $m + n$ B. $m - n$ C. m / n D. $m \times n$

17 $2 \times 10 + 3 \times 10^0 =$

- A. 23
- B. 24
- C. 25
- D. 26

18 $A + 0$ is equal to:

- A. 0
- B. A
- C. $0 + A$
- D. None of these

19 Question Image

20 $|3 \times |3| = ?$

- A. $|3|$
- B. 0
- C. 1
- D. None of these