

Business Mathematics Icom Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Question Image	A. Equal B. Possible C. Not possible D. Zero
2	If A is a singular matrix then:	A. $A = 0$ B. $ A = 0$ C. $A \neq 0$ D. $ A \neq 0$
3	Question Image	A. Unit matrix B. Diagonal matrix C. Square matrix D. Singular matrix
4	Do $(A + B) + C = A + (B + C)$?	A. No B. Yes C. May or may not D. Never
5	Any matrix "A" is a symmetric matrix if:	A. $A = -A$ B. $A = A^t$ C. $A = -A^t$ D. $A = A^{-t}$
6	In binary system the base of the system is:	A. 2 B. 5 C. 8 D. 10
7	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. $n \times P$
8	Cramer's rule is used to solve	A. System of quadratic equation B. System of linear equation C. Any system of equation D. None
9	Order of the matrix having m rows and n columns is:	A. $m + n$ B. $m - n$ C. m / n D. $m \times n$
10	Do $AB = BA$?	A. Never B. Yes C. May or may not D. None of these
11	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
12	$A + 0$ is equal to:	A. 0 B. A C. $0 + A$ D. None of these
13	The order of matrix [a]	A. 1×1 B. 2×1 C. 0×1 D. 1×0
14	Question Image	
15	In a square matrix number of rows and column are	A. Equal B. Now equal C. Greater D. Less then
16	If $A = [a_{ij}]$, then A^+ is :	A. $[a_{ij}]$ B. $[b_{ji}]$ C. $[a_{ji}]$

D. $[a_{ij}]$

17 A square matrix A is said to be singular if

18 If $Ax = B$ then x is

- A. BA^{-1}
- B. AB
- C. B/A
- D. $A^{-1}B$

19 $2 \times 10 + 3 \times 10^0 =$

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

20 Any matrix "A" is a symmetric matrix if

- A. $A = A$
- B. $A = A^t$
- C. $A = -A^t$
- D. $A = A^{-1}$