

Business Mathematics Icom Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	In decimal system base of system is:	A. 2 B. 5 C. 8 D. 10
2	If $Ax = B$ then x is	A. BA^{-1} B. AB C. B/A D. $A^{-1}B$
3	In binary system the base of the system is:	A. 2 B. 5 C. 8 D. 10
4	If A is a singular matrix then:	A. $A = 0$ B. $ A = 0$ C. $A \neq 0$ D. $ A \neq 0$
5	A square matrix A is said to be singular if	
6	We cannot find the inverse of a:	A. Square matrix B. Diagonal matrix C. Triangular matrix D. Singular matrix
7	$ 3 \times 3 = ?$	A. 3^3 B. 0 C. 1 D. None of these
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	Question Image	
10	Order of the matrix having m rows and n columns is:	A. $m + n$ B. $m - n$ C. m / n D. $m \times n$
11	Do $AB = BA$?	A. Never B. Yes C. May or may not D. None of these
12	Question Image	A. Unit matrix B. Diagonal matrix C. Square matrix D. Singular matrix
13	Any matrix " A " is a symmetric matrix if	A. $A = A$ B. $A = A^t$ C. $A = -A^t$ D. $A = A^{-1}$
14	The order of matrix $[a]$	A. 1×1 B. 2×1 C. 0×1 D. 1×0
15	$2 \times 10 + 3 \times 10^0 =$	A. 23 B. 24 C. 25 D. 26
16	Question Image	
17	Any matrix " A " is a symmetric matrix if:	A. $A = -A$ B. $A = A^t$ C. $A = -A^t$

$$D. A = A^{t^t}$$

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Question Image

- A. Equal
- B. Possible
- C. Not possible
- D. Zero

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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. $n \times P$

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A + 0 is equal to:

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