

## Business Mathematics Icom Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	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. $n \times P$
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	We cannot find the inverse of a:	A. Square matrix B. Diagonal matrix C. Triangular matrix D. Singular matrix
4	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
5	If $Ax = B$ then x is	A. $BA^{-1}$ B. AB C. B/A D. $A^{-1}B$
6	Do $AB = BA$ ?	A. Never B. Yes C. May or may not D. None of these
7	Question Image <input style="width: 100%; height: 15px;" type="text"/>	
8	Question Image <input style="width: 100%; height: 15px;" type="text"/>	
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	If A is a singular matrix then:	A. $A = 0$ B. $ A  = 0$ C. $A \neq 0$ D. $ A  \neq 0$
11	In a square matrix number of rows and column are	A. Equal B. Now equal C. Greater D. Less then
12	Do $(A + B) + C = A + (B + C)$ ?	A. No B. Yes C. May or may not D. Never
13	Question Image <input style="width: 100%; height: 15px;" type="text"/>	A. Equal B. Possible C. Not possible D. Zero
14	$2 \times 10 + 3 \times 10^0 =$	A. 23 B. 24 C. 25 D. 26
15	Any matrix "A" is a symmetric matrix if	A. $A = A$ B. $A = A^t$ C. $A = -A^t$ D. $A = A^{-1}$
16	$ 3 \times  3  = ?$	A. $ 3 ^3$ B. 0 C. 1 D. None of these

- 17 In decimal system base of system is:  
A. 2  
B. 5  
C. 8  
D. 10
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- 18  $A + 0$  is equal to:  
A. 0  
B. A  
C.  $O + A$   
D. None of these
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- 19 The order of matrix [a]  
A.  $1 \times 1$   
B.  $2 \times 1$   
C.  $0 \times 1$   
D.  $1 \times 0$
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- 20 Cramer's rule is used to solve  
A. System of quadratic equation  
B. System of linear equation  
C. Any system of equation  
D. None