

Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	In decimal system base of system is:	A. 2 B. 5 C. 8 D. 10
2	$2 \times 10 + 3 \times 10^0 =$.	A. 23 B. 24 C. 25 D. 26
3	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
4	$A + 0$ is equal to:	A. 0 B. A C. $0 + A$ D. None of these
5	If $Ax = B$ then x is	A. BA^{-1} B. AB C. B/A D. $A^{-1}B$
6	$ 3x = ?$	A. 3 B. 0 C. 1 D. None of these
7	If $A = [a_{ij}]$, then A^+ is :	A. $[a_{ij}]$ B. $[b_{ji}]$ C. $[a_{ji}]$ D. $[a_{ii}]$
8	Do $AB = BA$?	A. Never B. Yes C. May or may not D. None of these
9	Do $(A + B) + C = A + (B + C)$?	A. No B. Yes C. May or may not D. Never
10	If A is a singular matrix then:	A. $A = 0$ B. $ A = 0$ C. $A \neq 0$ D. $ A \neq 0$
11	Any matrix "A" is a symmetric matrix if:	A. $A = -A$ B. $A = A^t$ C. $A = -A^t$ D. $A = A^t$
12	Order of the matrix having m rows and n columns is:	A. $m + n$ B. $m - n$ C. m / n D. $m \times n$
13	Formula to calculate compounded amount is:	A. $P(1 + i)^n$ B. $P(1 + i)^{-n}$ C. $R(1 + i)$ D. $P(1 - i)^n$
14	90.5% in common fraction:	A. 0.9 B. $10/9$ C. $9/10$ D. $181/200$
15	1 : 3 is same as:	A. 3 to 1 B. 3 : 8 C. 1 to 3 D. None of the above

