Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	Two homogeneous quantities which expressed in different unit of measurement is called a	A. Price B. Profit C. Rate D. Ratio
2	In binary system the base of the system is:	A. 2 B. 5 C. 8 D. 10
3	In decimal system base of system is:	A. 2 B. 5 C. 8 D. 10
4	To find the inverse of a matrix A we use the formula.	A. |A|/Adj A B. |A| Adj A C. Adj A/ |A| D. None
5	What percent Rs. 30 is of 300	A. 30% B. 10% C. 20% D. 15%
6	Profit on an item of cost Rs.1000 C4.5% is:	A. Rs.45 B. Rs.955 C. Rs.50 D. None of these
7	The solution set for a quadratic equation $x^2 -8x + 15$ is	A. (3, 5) B. (-3, -5) C. (3, -5) D. (-5, 3)
8	The y-coordinate of any point is:	A. Abscissa B. Ordinate C. x-intercept D. Origin
9	A + 0 is equal to:	A. 0 B. A C. O + A D. None of these
10	The order of matrix [a]	A. 1 x 1 B. 2 x 1 C. 0 x 1 D. 1 x 0
11	Any matrix "A" is a symmetric matrix if	A. A = A B. A = A^t C. A = $-A^t$ D. A = A-I
12	$I3 x	I_3	= ?$	A. I_3 B. 0 C. 1 D. None of these
13	The origin is:	A. (0,x) B. (y,0) C. (0,0) D. (x,y)
14	Question Image	A. Unit matrix B. Diagonal matrix C. Square matrix D. Singular matrix
15	The positive difference among the sale price and cost price is called	A. Loss B. Profit C. Percentage D. Ratio

16	Degree of the function $f(x)= x^3 - 6x^2 + 7$ is	A. 3 B. 4 C. 6 D. 2
17	Any matrix "A" is a symmetric matrix if:	A. $A = -A$ B. $A = A^t$ C. $A = -A^t$ D. $A = A^{-t}$
18	A matrix with same number of rows and columns is known as:	A. Diagonal matrix B. Scalar matrix C. Square matrix D. None
19	The methods of finding interest are:	A. One B. Two C. Three D. Four
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