Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	90.5% in common fraction:	A. 0.9 B. 10/9 C. 9/10 D. 181/200
2	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
3	If $3^{2x} + a = 10\ 3^{x}$ in transformed from is $y^2 + 9 = 10y$, then the transformation is:	A. 3^{2x} = y B. 3^x = y C. 1/3^x = y D. None of these
4	Any matrix "A" is a symmetric matrix if	A. A = A B. A = A^t C. A = -A^t D. A = A-I
5	Range is asset of all:	A. Output values B. Input values C. Both input & output values D. None of these
6	The order of matrix [a]	A. 1 x 1 B. 2 x 1 C. 0 x 1 D. 1 x 0
7	At what rate you can double your amount in a years.	A. 5% p.a B. 6% p.a C. 8% p.a D. 9% p.a
8	The function G (t) = 5t - 3/2 is:	A. Constant B. Linear C. Quadratic D. Absolute
9	f(x)=ax + b is a form of	A. Quadratic function B. Linear function C. Constant function D. Explicit function
10	We cannot find the inverse of a:	A. Square matrix B. Diagonal matrix C. Triangular matrix D. Singular matrix
11	Two consecutive odd integers are:	A. x and (x + 2) B. (x + 1) and (x + 3) C. 2x, (2x + 2) D. (2x + 1) and (2x + 3)
12	In quadratic equation the variable has degree:	A. 1 B. 2 C. More than 2 D. Less than 2
13	A matrix with same number of rows and columns is known as:	A. Diagonal matrix B. Scalar matrix C. Square matrix D. None
14	Degree of the function f (x)= $x^3 - 6x^2 + 7$ is	A. 3 B. 4 C. 6 D. 2
15	Amount of annuity is always:	A. Present value B. Current Value C. Both a and b D. Future value

16	f(x)=2x + 1 is a form of	A. Linear function B. Quadratic function C. Odd function D. Even function
17	45% of 900 is:	A. 450 B. 400 C. 405 D. 300
18	$Aa^{x} + Ba^{-x} = C$ is a standard form of	A. Exponential equation B. Linear equation C. Quadratic equation D. Reciprocal equation
19	General form of a quadratic equation is.	A. ax² + bx + c = 0 B. ax² + bx + c = 1 C. ax² - bx - c = 0 D. ax² + bx - c = 0
20	If A = [aij], then A+ is :	A. [aij] B. [bji] C. [aji] D. [aii]