Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	According to text (C-S)>0 is:	A. Loss B. Profit C. Mark-up D. Mark-down
2	Amount of annuity is always:	A. Present value B. Current Value C. Both a and b D. Future value
3	If A = [aij], then A+ is :	A. [aij] B. [bji] C. [aji] D. [aii]
4	Factorization is one of the method use to solve:	A. ax + b = 0 B. ax2 + bx + C = 0 C. ax3 + bx + c = 0 D. None of these
5	A set of all values of 'x' is called	A. Function B. Domain C. Range D. Constant function
6	The origin is:	A. (0,x) B. (y,0) C. (0,0) D. (x,y)
7	Simultaneous equations can be solved in ways.	A. 2 B. 3 C. 4 D. 5
8	The decimal number "2" in binary number system is equivalent to:	A. 0 B. 1 C. 10 D. 11
9	If 3x + 2 = 2x + 6 then x is equal to.	A. 4 B. 5 C. 6 D. 7
10	The difference of cost price and sales price is called	A. Profit% B. Loss C. Loss% D. Profit
11	In base 2 system digits are used	A. 0, 2 B. 0, 1 C. 2, 3 D. 0, 1, 2
12	Lowest term of 60:360 is	A. 6:1 B. 1:6 C. 6:36 D. 5:36
13	If every element of matrix is zero that matrix is called:	A. Null matrix B. Square matrix C. Identity matrix D. Row matrix
14	If h (x) = 1/x - 5;. then h (5) will be:	A. Defined B. Infinite C. Finite D. None of these
15	$2 \times 10 + 3 \times 10^0 =$.	A. 23 B. 24 C. 25 D. 26

16	A square matrix A is said to be singular if.	A. $\lvert A \rvert = 0$ B. $\lvert A \rvert \neq 0$ C. $\lvert A \rvert = 1$ D. $\lvert A \rvert \neq 1$
17	If $3^{2x} + a = 10 \cdot 3^{x}$ 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
18	If A is a singular matrix then:	A. $A = 0$ B. $\lvert A \rvert = 0$ C. $A \neq 0$ D. $\lvert A \rvert \neq 0$
19	In any function there will be only one:	A. Independent variable B. Dependent variable C. Random variable D. None of these
20	The formula for finding rate is	