

Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	The solution set of equation $x^2 + 2x + 1 = 0$ is	A. {1} B. {-1} C. {1, -1} D. None of these
2		A. Unit matrix B. Diagonal matrix C. Square matrix D. Singular matrix
3	The positive difference among the sale price and cost price is called	A. Loss B. Profit C. Percentage D. Ratio
4	If $3x + 2 = 2x + 6$ then x is equal to.	A. 4 B. 5 C. 6 D. 7
5	$ 3 \times 3 = ?$	A. 3^3 B. 0 C. 1 D. None of these
6	If every element of matrix is zero that matrix is called:	A. Null matrix B. Square matrix C. Identity matrix D. Row matrix
7	Amount of annuity is always:	A. Present value B. Current Value C. Both a and b D. Future value
8	Interest is classified in	A. Two classes B. Three classes C. Four classes D. None of these
9	The roots of quadratic equation will be imaginary if $b^2 - 4ac$ is	A. 0 B. -ve C. +ve D. Greater than zero
10	Discount is:	A. Difference B. Sum C. Product D. Quotient
11	$f(x) = ax + b$ is a form of	A. Quadratic function B. Linear function C. Constant function D. Explicit function
12	The sign of every equation is:	A. \neq B. $=$ C. $>$ D. $<$
13	1 : 3 is same as:	A. 3 to 1 B. 3 : 8 C. 1 to 3 D. None of the above
14	The power of variable in a quadratic equation is	A. 3 B. 1 C. 4 D. 2
15	The decimal number 43 comprises:	A. 4 units and 4 tens B. 3 tens and no unit C. 0 unit and 4 tens D. 3 units and 4 tens

16	Factorization is one of the method use to solve:	A. $ax + b = 0$ B. $ax^2 + bx + C = 0$ C. $ax^3 + bx + c = 0$ D. None of these
17	$Aa^x + Ba^{-x} = C$ is a standard form of	A. Exponential equation B. Linear equation C. Quadratic equation D. Reciprocal equation
18	The binary number "10" is in decimal number system is equivalent to:	A. 1 B. 2 C. 3 D. 4
19	29 in binary number system is	A. $(110101)_2$ B. $(10101011)_2$ C. (1011101) D. $(11101)_2$
20	A matrix with same number of rows and columns is known as:	A. Diagonal matrix B. Scalar matrix C. Square matrix D. None