Business Mathematics Icom Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	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
2	Simultaneous equations can be solved in ways.	A. 2 B. 3 C. 4 D. 5
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	The solution set of equation $x^2 + 2x + 1 = 0$ is	A. {1} B. {-1} C. {1, -1} D. None of these
5	A set of simultaneous equation is called set of inconsistent equation if:	A. Value of one of the unknown obtained B. Value of one of the unknown obtained C. Values of all the unknown obtained D. None of these
6	The sign of every equation is:	A. ≠ B. = C. <u>></u> D. <u><</u>
7	System of simultaneous equations is solved by:	A. Factorization B. Subtraction of addition C. Substitution D. Both b and c
8	Solution set of 4x - 7y = 12 and 3x + y = 9 is	A. (0,3) B. (1,3) C. (6,3) D. (3,0)
9	$Aa^{x} + Ba^{-x} = C$ is a standard form of	A. Exponential equation B. Linear equation C. Quadratic equation D. Reciprocal equation
10	A linear equation consist of roots	A. One B. Two C. Zero D. Three
11	In quadratic equation the variable has degree:	A. 1 B. 2 C. More than 2 D. Less than 2
12	A linear equation always has:	A. Three roots B. Two roots C. One root D. No root
13	Equation of the form $ax^4 + bx^3 + bx + a$ is:	A. Polynomial B. Reciprocal C. Irrational D. None of these
14	B^2 - 4ac in a quadratic formula is called	A. Nature of root B. Discriminant C. Solution set D. Extraneous root
15	The roots of quadratic equation will be imaginary if b^2 - 4ac is	A. 0 B. -ve C. +ve

		D. Greater than zero
16	Both sides of an equation are joined by	A. > B. < C. = D. ≠
17	The power of variable in a quadratic equation is	A. 3 B. 1 C. 4 D. 2
18	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)
19	1 : 3 is same as:	A. 3 to 1 B. 3 : 8 C. 1 to 3 D. None of the above
20	The solution set for a quadratic equation x^2 -8x + 15 is	A. (3, 5) B. (-3, -5) C. (3, -5) D. (-5, 3)