

Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	Interest is:	A. Rent B. Wage C. Salary D. Commission
2	The function G (t) = 5t - 3/2 is:	A. Constant B. Linear C. Quadratic D. Absolute
3	Order of the matrix having m rows and n columns is:	A. m + n B. m - n C. m / n D. m x n
4	If Ax = B then x is	A. BA ⁻¹ B. AB C. B/A D. A ⁻¹ B
5	Quantity discount buy 2 get 3 is equal to:	A. 20% B. 33 1/2 % C. 67 2/3 % D. None of the above
6	$f(x)=5$ express as $5x^0$ is called	A. Polynomial function of zero degree B. Constant C. Polynomial function D. Domain
7	Number of digits in decimal system	A. 5 B. 8 C. 10 D. 9
8	A set of all values of 'x' is called	A. Function B. Domain C. Range D. Constant function
9	If A = [aij], then A+ is:	A. [aij] B. [bji] C. [aji] D. [aii]
10	System of simultaneous equations is solved by:	A. Factorization B. Subtraction of addition C. Substitution D. Both b and c
11	5x - 2 = 10 is a	A. Open sentence B. Right sentence C. False sentence D. Equation
12	The degree of equation $5x^2 + 7x + 6$ is.	A. 2 B. 3 C. 4 D. 5
13	2143 in binary system is	A. (1111100111) ₂ B. (100001011111) ₂ C. (1101101101) ₂ D. (1000010111) ₂
14	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
15	5 in binary system is:	A. (10) ₂ B. (101) ₂ C. (11) ₂ D. None of these

16	In base 2 system digits are used	A. 0, 2 B. 0, 1 C. 2, 3 D. 0, 1, 2
17	The power of variable in a quadratic equation is	A. 3 B. 1 C. 4 D. 2
18	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
9	The y-coordinate of any point is:	A. Abscissa B. Ordinate C. x-intercept D. Origin
10	The solution set of equation $x^2 + 2x + 1 = 0$ is	A. {1} B. {-1} C. {1, -1} D. None of these