

Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	Never ending annuity is:	A. Ordinary annuity B. Annuity due C. Perpetuity D. Annuity
2	Lowest term of 60:360 is	A. 6:1 B. 1:6 C. 6:36 D. 5:36
3	The formula for finding rate is	
4	$f(x) = \sqrt[n]{x}$ is:	A. Constant function B. Compound function C. Not a polynomial function D. None of these
5	Amount of interest varies from period to period in:	A. Simple interest B. Compound interest C. Both a and b D. None of these
6	2143 in binary system is -----	A. $(1111100111)_2$ B. $(100001011111)_2$ C. $(1101101101)_2$ D. $(1000010111)_2$
7	Coordinate axes are:	A. X-axis only B. Y-axis only C. Origin D. Both x-axis and y-axis
8	If $3^{2x} + a = 10 \cdot 3^x$ in transformed form 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
9	A linear equation always has:	A. Three roots B. Two roots C. One root D. No root
10	The roots of quadratic equation will be imaginary if $b^2 - 4ac$ is	A. 0 B. -ve C. +ve D. Greater than zero
11	Solution set of equations $4x + 5y = 40$ and $3x + 2y = 23$ is:	A. $\{ (4,5) \}$ B. $\{ (5, 4) \}$ C. $\{ (-5, 4) \}$ D. $\{ -4, -5 \}$
12	A square matrix A is said to be singular if.	A. $ A = 0$ B. $ A \neq 0$ C. $ A = 1$ D. $ A \neq 1$
13	$f(x)=5$ express as $5x^0$ is called	A. Polynomial function of zero degree B. Constant C. Polynomial function D. Domain
14	If matrix contains single column and 3 rows then this type of matrix is called.	A. Row matrix B. Column matrix C. Null matrix D. Identity matrix
15	The positive difference among the sale price and cost price is called	A. Loss B. Profit C. Percentage D. Ratio
16	Discount is:	A. Difference B. Sum C. Product

		D. Quotient
17	The function $G(t) = 5t - 3/2$ is:	A. Constant B. Linear C. Quadratic D. Absolute
18	In any function there will be only one:	A. Independent variable B. Dependent variable C. Random variable D. None of these
19	The fractional form of 8.5% is	
20	90.5% in common fraction:	A. 0.9 B. 10/9 C. 9/10 D. 181/200