

Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	Formula to calculate compounded amount is:	A. $P(1+i)^n$ B. $P(1+i)^{-n}$ C. $R(1+i)$ D. $P(1-i)^n$
2	$B^2 - 4ac$ in a quadratic formula is called	A. Nature of root B. Discriminant C. Solution set D. Extraneous root
3	45% of 900 is:	A. 450 B. 400 C. 405 D. 300
4	$Aa^x + Ba^{-x} = C$ is a standard form of	A. Exponential equation B. Linear equation C. Quadratic equation D. Reciprocal equation
5	The y-coordinate of any point is:	A. Abscissa B. Ordinate C. x-intercept D. Origin
6	Annuity is classified into:	A. Two classes B. Three classes C. Four classes D. Five classes
7	3.25 is a ratio of:	A. 3 and 25 B. 32.5 and 10 C. 325 and 100 D. 13 and 4
8	Any matrix "A" is a symmetric matrix if:	A. $A = -A$ B. $A = A^t$ C. $A = -A^t$ D. $A = A^{-t}$
9	Amount of annuity is always:	A. Present value B. Current Value C. Both a and b D. Future value
10	$(145)_{10} = ()_2$	A. 10010001 B. 10010111 C. 11100001 D. 10001001
11	In quadratic equation the variable has degree:	A. 1 B. 2 C. More than 2 D. Less than 2
12	Interest is:	A. Rent B. Wage C. Salary D. Commission
13	The sign of every equation is:	A. \neq B. $=$ C. $>$ D. $<$
14	$(1100000)_2 - (111111)_2 = \text{-----} :$	A. $(100001)_2$ B. $(110001)_2$ C. $(1000111)_2$ D. $(111110)_2$
15	$f(x) = \sqrt{x}$ is:	A. Constant function B. Compound function C. Not a polynomial function D. None of these

16	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
17	Annuity classified into categories is:	A. Four B. Three C. Two D. Five
18	A matrix with same number of rows and columns is known as:	A. Diagonal matrix B. Scalar matrix C. Square matrix D. None
19		A. Equal B. Possible C. Not possible D. Zero
20	$5x - 2 = 10$ is a	A. Open sentence B. Right sentence C. False sentence D. Equation