

Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	Any matrix "A" is a symmetric matrix if	A. A = A B. A = A ^t C. A = -A ^t D. A = A-I
2	Profit on an item of cost Rs.1000 C4.5% is:	A. Rs.45 B. Rs.955 C. Rs.50 D. None of these
3	The point (4,0) lies in/an:	A. 1st quadrant B. 3rd quadrant C. x-axis D. y- axis
4	Range is asset of all:	A. Output values B. Input values C. Both input & D. None of these
5	Annuity is used in	A. Simple arithmetic B. Function C. equation D. Mathematics of Finance
6	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
7	(1100000) ₂ - (111111) ₂ =:	A. (100001) ₂ B. (110001) ₂ C. (1000111) ₂ D. (111110) ₂
8	Basically proportion is of:	A. 4 types B. 3 types C. 2 types D. None of these
9	The y-coordinate of any point is:	A. Abscissa B. Ordinate C. x-intercept D. Origin
10	(1001001) ₂ in decimal system is	A. 37 B. 67 C. 73 D. 87
11	$2 \times 10 + 3 \times 10^{0} =$.	A. 23 B. 24 C. 25 D. 26
12	The graph of a quadratic function is called a	A. Quadratic graph B. Parabola C. Curve D. Horizontal line
13	5x - 2 = 10 is a	A. Open sentence B. Right sentence C. False sentence D. Equation
14	Equation of the form $ax^4 + bx^3 + bx + a$ is:	A. Polynomial B. Reciprocal C. Irrational D. None of these
		A. 3 ^{2x} = y

15	If $3^{2x} + a = 10 \ 3^x$ in transformed from is $y^2 + 9 = 10y$, then the transformation is:	B. 3 ^x = y C. 1/3 ^x = y D. None of these
16	Amount of interest varies from period to period in:	A. Simple interest B. Compound interest C. Both a and b D. None of these
17	Question Image	
18	To find the inverse of a matrix A we use the formula.	A. A /Adj A B. A Adj A C. Adj A/ A D. None
19	f(x)=2x+1 is a form of	A. Linear function B. Quadratic function C. Odd function D. Even function
20	If A = [aij], then A+ is :	A. [aij] B. [bji] C. [aji] D. [aii]