Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	The fractional form of 8.5% is	
2	$(10101)_2$ in decimal system is	A. 32 B. 26 C. 21 D. 30
3	The solution set of equation $x^2 + 2x + 1 = 0$ is	A. {1} B. {-1} C. {1, -1} D. None of these
4	If Ax = B then x is	A. BA⁻¹ B. AB C. B/A D. A⁻¹ B
5	The degree of equation $5x^2 + 7x + 6$ is.	A. 2 B. 3 C. 4 D. 5
6	1 : 3 is same as:	A. 3 to 1 B. 3 : 8 C. 1 to 3 D. None of the above
7	The power of variable in a quadratic equation is	A. 3 B. 1 C. 4 D. 2
8	If A is a singular matrix then:	A. A = 0 B. |A| = 0 C. A ≠ 0 D. |A| ≠ 0
9	$(10110)_2$ in decimal number is:	A. 20 B. 22 C. 24 D. 26
10	$Aa^x + Ba^{-x} = C$ is a standard form of	A. Exponential equation B. Linear equation C. Quadratic equation D. Reciprocal equation
11	If A is matrix of order mxn then to get AB, the matrix B must be order of	A. m x m B. P x P C. m x P D. n x P
12	Range is asset of all:	A. Output values B. Input values C. Both input & output values D. None of these
13	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
14	In compound interest method, the interest earned is considered as to be:	A. Reinvested B. De-invested C. Both a and b D. None of these
15	Annuity is classified into:	A. Two classes B. Three classes C. Four classes D. Five classes
16	Principal = Rs. 5000, Interest = 10%, Period = half year interest = ?	A. Rs. 1000 B. Rs. 500 C. Rs. 250

		D. Rs. 200
17	A linear equation consist of roots	A. One B. Two C. Zero D. Three
18	In base 2 system digits are used	A. 0, 2 B. 0, 1 C. 2, 3 D. 0, 1, 2
19	Amount of annuity is always:	A. Present value B. Current Value C. Both a and b D. Future value
20	In decimal system base of system is:	A. 2 B. 5 C. 8 D. 10