

## 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 <sup>t</sup> C. A = -A <sup>t</sup> D. A = A-I
2	Principal = Rs. 5000, Interest = 10%, Period = half year interest = ?	A. Rs. 1000 B. Rs. 500 C. Rs. 250 D. Rs. 200
3	The power of variable in a quadratic equation is	A. 3 B. 1 C. 4 D. 2
4	What percent Rs. 30 is of 300	A. 30% B. 10% C. 20% D. 15%
5	(1101) <sub>2</sub> + (1001) <sub>2</sub> =	A. (10110) <sub>2</sub> B. (11100) <sub>2</sub> C. (10001) <sub>2</sub> D. (11011) <sub>2</sub>
6	To find the inverse of a matrix A we use the formula.	A.  A /Adj A b.  A  Adj A C. Adj A/  A  br>
7	The positive difference among the sale price and cost price is called	A. Loss B. Profit C. Percentage D. Ratio
8	Interest is:	A. Rent B. Wage C. Salary D. Commission
9	Hexadecimal number system is based on:	A. Two digits B. Ten digits C. Eight digits D. Sixteen digits
10	(1100000) <sub>2</sub> - (111111) <sub>2</sub> =:	A. (100001) <sub>2</sub> B. (110001) <sub>2</sub> C. (1000111) <sub>2</sub> D. (111110) <sub>2</sub>
11	Proportion is usually denoted by	A.: B.:: C. < D. >
12	The solution set of equation $x^2 + 2x + 1 = 0$ is	A. {1} B. {-1} C. {1, -1} D. None of these
13	Annuity classified into categories is:	A. Four B. Three C. Two D. Five
14	Amount of annuity is always:	A. Present value B. Current Value C. Both a and b D. Future value
15	The degree of equation $5x^2 + 7x + 6$ is.	A. 2 B. 3 C. 4 D. 5

16	Decimal form of 3.75 %	A. 375 B. 37.5 C. 0.0375 D. 0.375
17	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
18	Do (A + B) + C = A + (B + C)?	A. No B. Yes C. May or may not D. Never
19	Simultaneous equations can be solved in ways.	A. 2 B. 3 C. 4 D. 5
20	In binary system the base of the system is:	A. 2 B. 5 C. 8 D. 10