

Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	In decimal system $(12)_5$ is equal to	A. 17 B. 7 C. 15 D. 60
2	A matrix with same number of rows and columns is known as:	A. Diagonal matrix B. Scalar matrix C. Square matrix D. None
3	Profit on an item of cost Rs.1000 C4.5% is:	A. Rs.45 B. Rs.955 C. Rs.50 D. None of these
4	A linear equation always has:	A. Three roots B. Two roots C. One root D. No root
5	In binary system the base of the system is:	A. 2 B. 5 C. 8 D. 10
6	A set of all values of 'x' is called	A. Function B. Domain C. Range D. Constant function
7	The formula for finding rate is	
8	Amount of annuity is always:	A. Present value B. Current Value C. Both a and b D. Future value
9	$f(x)=ax + b$ is a form of	A. Quadratic function B. Linear function C. Constant function D. Explicit function
10	$f(x) = \sqrt{x}$ is:	A. Constant function B. Compound function C. Not a polynomial function D. None of these
11	$(1100000)_2 - (111111)_2 = \text{-----} :$	A. $(100001)_{2^2}$ B. $(110001)_{2^2}$ C. $(1000111)_{2^2}$ D. $(111110)_{2^2}$
12	The power of variable in a quadratic equation is	A. 3 B. 1 C. 4 D. 2
13	The problem which deal with more than one proportion belongs to	A. Compound proportion B. Inverse proportion C. direct proportion D. Continued proportion
14	90.5% in common fraction:	A. 0.9 B. 10/9 C. 9/10 D. 181/200
15	How many methods are used to solve quadratic equations.	A. 3 B. 4 C. 5 D. 6
16	According to text $(C-S)>0$ is:	A. Loss B. Profit C. Mark-up

D. Mark-down

17 What percent Rs. 30 is of 300

- A. 30%
- B. 10%
- C. 20%
- D. 15%

18 If $Ax = B$ then x is

- A. BA^{-1}
- B. AB
- C. B/A
- D. $A^{-1}B$

19 If $h(x) = 1/x - 5$, then $h(5)$ will be:

- A. Defined
- B. Infinite
- C. Finite
- D. None of these

20 5 in binary system is:

- A. $(10)_2$
- B. $(101)_2$
- C. $(11)_2$
- D. None of these