



Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	We cannot find the inverse of a:	A. Square matrix B. Diagonal matrix C. Triangular matrix D. Singular matrix
2	Number of terms in a proportion are	A. 2 B. 4 C. 3 D. 5
3	Principal = Rs. 5000, Interest = 10%, Period = half year interest = ?	A. Rs. 1000 B. Rs. 500 C. Rs. 250 D. Rs. 200
4		A. Equal B. Possible C. Not possible D. Zero
5	Every proportion consists of:	A. One term B. Two terms C. Three terms D. 4 terms
6	5 in binary system is:	A. $(10)_2$ B. $(101)_2$ C. $(11)_2$ D. None of these
7	Depreciation is loss in value of:	A. Fixed asset B. Current asset C. Money D. None of these
8	$B^2 - 4ac$ in a quadratic formula is called	A. Nature of root B. Discriminant C. Solution set D. Extraneous root
9		A. {3} B. R C. $R - \{x = 3\}$ D. None of these
10	$(10101)_2$ in decimal system is	A. 32 B. 26 C. 21 D. 30
11	The function $G(t) = 5t - 3/2$ is:	A. Constant B. Linear C. Quadratic D. Absolute
12	A square matrix A is said to be singular if	
13	Amount of annuity is always:	A. Present value B. Current Value C. Both a and b D. Future value
14	Do $AB = BA$?	A. Never B. Yes C. May or may not D. None of these
15	20% of 70	A. 41 B. 14 C. 140 D. 1400
16	$f(x)=5$ express as $5x^0$ is called	A. Polynomial function of zero degree B. Constant C. Polynomial function

D. Domain

17 Any matrix "A" is a symmetric matrix if:

- A. $A = -A$
- B. $A = A^t$
- C. $A = -A^t$
- D. $A = A^{-t}$

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19 If $3x + 2 = 2x + 6$ then x is equal to.

- A. 4
- B. 5
- C. 6
- D. 7

20 $Aa^x + Ba^{-x} = C$ is a standard form of

- A. Exponential equation
- B. Linear equation
- C. Quadratic equation
- D. Reciprocal equation