

Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	What percent Rs. 30 is of 300	A. 30% B. 10% C. 20% D. 15%
2	<div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">Question Image</div>	
3	$f(x)=5$ express as $5x^0$ is called	A. Polynomial function of zero degree B. Constant C. Polynomial function D. Domain
4	Simultaneous equations can be solved in ways.	A. 2 B. 3 C. 4 D. 5
5	If $3^{2x} + a = 10 \cdot 3^x$ in transformed from is $y^2 + 9 = 10y$, then the transformation is:	A. $3^{2x} = y$ B. $3^x = y$ C. $1/3^x = y$ D. None of these
6	The solution set for a quadratic equation $x^2 - 8x + 15$ is	A. (3, 5) B. (-3, -5) C. (3, -5) D. (-5, 3)
7	If A is a singular matrix then:	A. $A = 0$ B. $ A = 0$ C. $A \neq 0$ D. $ A \neq 0$
8	Discount is:	A. Difference B. Sum C. Product D. Quotient
9	The fractional form of 8.5% is	A. $\frac{17}{200}$
10	The y-coordinate of any point is:	A. Abscissa B. Ordinate C. x-intercept D. Origin
11	$f(x) = \sqrt{x}$ is:	A. Constant function B. Compound function C. Not a polynomial function D. None of these
12	The binary number "10" is in decimal number system is equivalent to:	A. 1 B. 2 C. 3 D. 4
13	$(10110)_2$ in decimal number is:	A. 20 B. 22 C. 24 D. 26
14	Order of the matrix having m rows and n columns is:	A. $m + n$ B. $m - n$ C. m / n D. $m \times n$
15	The problem which deal with more than one proportion belongs to	A. Compound proportion B. Inverse proportion C. direct proportion D. Continued proportion
16	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

17	Formula to calculate compounded amount is:	<p>A. $P(1 + i)^n$</p> <p>B. $P(1 + i)^{-n}$</p> <p>C. $R(1 + i)$</p> <p>D. $P(1 - i)^n$</p>
18	$ 3 \times 3 = ?$	<p>A. 3^3</p> <p>B. 0</p> <p>C. 1</p> <p>D. None of these</p>
19	If $Ax = B$ then x is	<p>A. BA^{-1}</p> <p>B. AB</p> <p>C. B/A</p> <p>D. $A^{-1}B$</p>
20	The decimal number 43 comprises:	<p>A. 4 units and 4 tens</p> <p>B. 3 tens and no unit</p> <p>C. 0 unit and 4 tens</p> <p>D. 3 units and 4 tens</p>