

Business Mathematics Icom Part 1 Online Test

Sr	Questions	Answers Choice
1	The decimal number 43 comprises:	A. 4 units and 4 tens B. 3 tens and no unit C. 0 unit and 4 tens D. 3 units and 4 tens
2	(1101) ₂ + (1001) ₂ =	A. (10110) ₂ B. (11100) ₂ C. (10001) ₂ D. (11011) ₂
3	The solution set of equation $x^2 + 2x + 1 = 0$ is	A. {1} B. {-1} C. {1, -1} D. None of these
4	The degree of equation $5x^2 + 7x + 6$ is.	A. 2 B. 3 C. 4 D. 5
		A. Unit matrix
5	Question Image	B. Diagonal matrix C. Square matrix D. Singular matrix
6	The sign of every equation is:	A. # B. = C. <u>></u> D. <u><</u>
7	We cannot find the inverse of a:	A. Square matrix B. Diagonal matrix C. Triangular matrix D. Singular matrix
8	Discount is:	A. Difference B. Sum C. Product D. Quotient
9	Formula to calculate compounded amount is:	A. P(1 + i) ⁿ B. P(1 + i) ⁻ⁿ C. R (1 + i) D. P (1 - i) ⁿ
10	Every proportion consists of:	A. One term B. Two terms C. Three terms D. 4 terms
11	The two expressions on the both sides of the equality sign is called.	A. Sides of equation B. L.H.S C. R.H.S D. Equation
12	The formula for finding rate is	
13	In order to find profit % we use	
14	In decimal $(101)_2 + (11)_2$ is equal to:	A. 2 B. 4 C. 8 D. None of these
		A. Rs. 1000 B. Rs. 500
15	Principal = Rs. 5000, Interest = 10%, Period = half year interest = ?	C. Rs. 250 D. Rs. 200
16	How many methods are used to solve quadratic equations.	A. 3 B. 4 C. 5 D. 6
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17	Solution set of equations $4x + 5y = 40$ and $3x + 2y = 23$ is:	A. { (4,5) } B. { (5, 4) } C. { (-5, 4) } D. { -4, -5) }
18	$f(x) = \sqrt{n}$ is:	A. Constant functionB. Compound functionC. Not a polynomial functionD. None of these
19	(10101) ₂ in decimal system is	A. 32 B. 26 C. 21 D. 30
20	Quantity discount is always in:	A. Amount B. Percentage C. Quantity D. Rupees
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