

## Business Mathematics Icom Part 1 Online Test

| Sr | Questions   | Answers Choice  |
|----|---|---|
| 1  | In decimal system $(12)_5$ is equal to  | A. 17<br>B. 7<br>C. 15<br>D. 60   |
| 2  | 1 : 3 is same as:   | A. 3 to 1<br>B. 3 : 8<br>C. 1 to 3<br>D. None of the above  |
| 3  | Number of digits in decimal system  | A. 5<br>B. 8<br>C. 10<br>D. 9   |
| 4  | The function $G(t) = 5t - 3/2$ is:  | A. Constant<br>B. Linear<br>C. Quadratic<br>D. Absolute   |
| 5  | $S_{ni}$ is read us:  | A. S angle i at n<br>B. S angle n at i<br>C. Amount S at i<br>D. Annuity S at n   |
| 6  | If matrix contains single column and 3 rows then this type of matrix is called.     | A. Row matrix<br>B. Column matrix<br>C. Null matrix<br>D. Identity matrix   |
| 7  | The y-coordinate of any point is:   | A. Abscissa<br>B. Ordinate<br>C. x-intercept<br>D. Origin   |
| 8  | A matrix with same number of rows and columns is known as:                          | A. Diagonal matrix<br>B. Scalar matrix<br>C. Square matrix<br>D. None   |
| 9  | The ratio between 80 and 640 is   | A. 1 : 4<br>B. 2 : 4<br>C. 1 : 8<br>D. 4 : 6  |
| 10 | A set of simultaneous equation is called set of inconsistent equation if:           | A. Value of one of the unknown obtained<br>B. Value of one of the unknown obtained<br>C. Values of all the unknown obtained<br>D. None of these |
| 11 | 45% of 900 is:  | A. 450<br>B. 400<br>C. 405<br>D. 300  |
| 12 | If A is matrix of order $m \times n$ then to get AB, the matrix B must be of order. | A. $m \times m$<br>B. $p \times p$<br>C. $m \times p$<br>D. $n \times p$  |
| 13 | Amount of interest varies from period to period in:                                 | A. Simple interest<br>B. Compound interest<br>C. Both a and b<br>D. None of these   |
| 14 | Basically proportion is of:   | A. 4 types<br>B. 3 types<br>C. 2 types<br>D. None of these  |
|    |   | A. Price  |

- 15 Two homogeneous quantities which expressed in different unit of measurement is called a  
B. Profit  
C. Rate  
D. Ratio
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- 16  $(1101)_2 + (1001)_2 = \text{-----}$   
A.  $(10110)_2$   
B.  $(11100)_2$   
C.  $(10001)_2$   
D.  $(11011)_2$
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- 17 System of simultaneous equations is solved by:  
A. Factorization  
B. Subtraction of addition  
C. Substitution  
D. Both b and c
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- 18  $a : b :: c : d$  is:  
A.  $a/b = d/c$   
B.  $b/a = c/d$   
C.  $a/b = c/d$   
D. None of these
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- 19 Profit on an item of cost Rs.1000 C4.5% is:  
A. Rs.45  
B. Rs.955  
C. Rs.50  
D. None of these
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