BUSINESS MATHEMATICS
Multiple Choice Questions & Answers

1. When the number of rows and the number of columns of a matrix are equal, the matrix is
   _____.
   a. square matrix .
   b. row matrix.
   c. column matrix.
   d. none of these.
   Answer: A

2. If all the elements of a matrix are zeros, then the matrix is a_____.
   a. unit matrix .
   b. square matrix.
   c. zero matrix.
   d. none of these.
   Answer: C

3. When all the elements of a matrix are zeros, the matrix is called _____.
   a. unit matrix.
   b. square matrix.
   c. null matrix.
   d. Row matrix.
   Answer: C

4. When the number of rows is not equal to the number of columns then the matrix is said to
   be _____.
   a. unit matrix.
   b. Rectangular matrix.
   c. null matrix.
   d. row matrix.
   Answer: B

5. C.I. stands for _____.
   a. Compound Interest
   b. Simple Interest
   c. Rate Of Interest
   d. No.of.years.
   Answer: A

6. Principal (or) Present Value is denoted by
   a. A
   b. n
   c. P
   d. None of the above.
   Answer: C

7. Compound Interest is always _____ the Simple Interest.
   a. Lesser than
   b. Equal to
   c. Greater than
   d. None of the above.
   Answer: C

8. Simple interest will be the income for_____.
   a. lender.
   b. borrower.

    c. both.
    d. neither lender nor borrower.
    Answer: A

9. The simple interest on Rs 5,000 at 10% for 3 years is _____.
    a. 500.
    b. 1000.
    c. 1500.
    d. 2000.
    Answer: C

10. In calculation of interest 'n' stands for
    a. Rate of interest
    b. Amount
    c. Principal
    d. No.of.years
    Answer: D

11. The formula for finding the compound interest is _____.
    a. $A=P(1+ni)$.
    b. $A=P(1+i)$.
    c. $A=Pnr/100$.
    d. $A=P(1+i)^n$.
    Answer: D

12. An LPP has _____.
    a. one optimal solution.
    b. two optimal solutions.
    c. Three optimal solutions.
    d. none of these.
    Answer: D

13. An LPP deals with problems involving only _____.
    a. single objective.
    b. multiple objective.
    c. two objective.
    d. none of these.
    Answer: A