- ➢ 2
- ➢ **3**
- ➢ 4

Question No: 4   (Marks: 1)   - Please choose one
Changing   rows of matrix into columns is called

- ➢ Symmetric Matrix
- ➢ **Transpose of Matrix (Page 229)**
- ➢ Adjoint of Matrix

Question No: 5   (Marks: 1)   - Please choose one
The list of the degrees of the vertices of graph in non increasing order is called
- ➢ Isomorphic Invariant
- ➢ **Degree Sequence (Page 307)**
- ➢ Order of Graph

Question No: 6   (Marks: 1)   - Please choose one
A vertex of degree greater than 1 in a tree is called a
- ➢ **Branch vertex (Page 323)**
- ➢ Terminal vertex
- ➢ Ancestor

Question No: 7   (Marks: 1)   - Please choose one
The word "algorithm" refers to a step-by-step method for performing some action

- ➢ **True (Page 201)**
- ➢ False
- ➢ None of these

Question No: 8   (Marks: 1)   - Please choose one
The sum of two irrational number must be an irrational number

- ➢ True
- ➢ **False (Page 197)**

Question No: 9   (Marks: 1)   - Please choose one
An integer n is prime if, and only if, n > 1 and for all positive integers r and s, if n = r·s, then

- ➢ **r = 1 or s = 1. (Page 187)**
- ➢ r = 1 or s = 0.
- ➢ r = 2 or s = 3.
- ➢ None of these

Question No: 10   (Marks: 1)   - Please choose one
An integer n is even if, and only if, n = 2k for some integer k.

- ➢ **True (Page 187)**