ACADEMY OF TECHNOLOGY
Lab Assignment (Day 8)
Paper name: Design and Analysis of Algorithms Lab
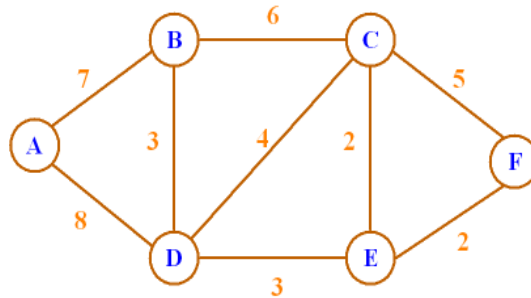**Code: PCC-CS494**   **Semester: 4th**
Discipline: CSE   **Time: 2 Hours**
Date: June 10, 2021

1. Given an undirected weighted graph, write a program in C or C++ to find a minimum spanning tree by applying Prims's Algorithm.

2. Write a program in C or C++ to find single source shortest path applying Dijkstra Algorithm. (You may use the following graph as input graph).