

PVP Siddhartha Institute of Technology, Kanuru, Vijayawada-7

Academic Year: 2024-25

Program: B.Tech (CSE)

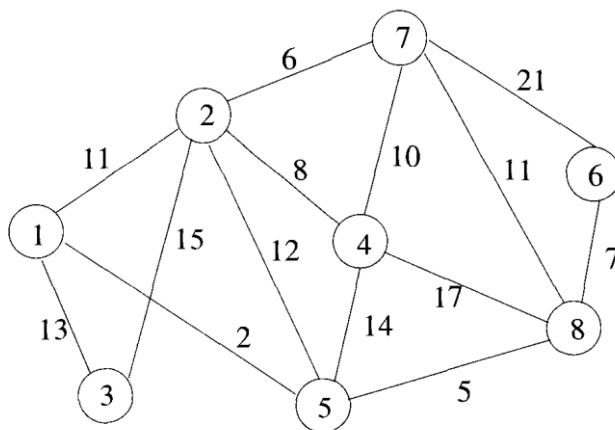
Subject: Advanced Data Structures & Algorithm Analysis(20CS3302)

Regulation: PVP23

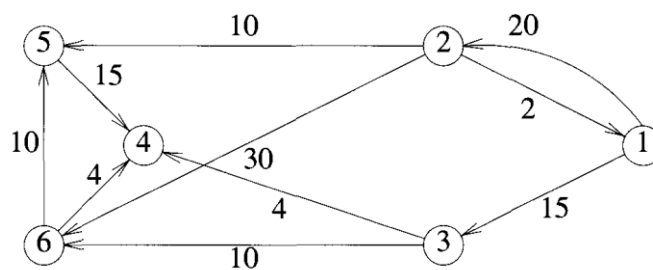
Year/Semester: II Year I Semester (Section-1)

Assignment – 3

1. Find minimum spanning tree using prim's and Kruskal's algorithm for the following graph.



2. Find single-source shortest paths using dijkstra's algorithm from source vertex 5.



Deadline for submission of the assignment -3 is **11-11-2024**.