NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA
NH 66, Srinivas Nagar, Surathkal, Mangaluru, Karnataka 575025, India

DSA-II Assignment-6 on Kruskal's Algorithm

1. Compute a minimum cost spanning tree (MST) for the graph given below using Kruskal's MST algorithm. Implement using a PRIORITYQUEUE data structure (the .c/.cpp file and output screenshots)
2. You must show the edges that are included in the MST, such as (*u*, *v*), the associated cost for each of the MST edges, and the total cost of the MST

Your implementation should be generic and must work for every types of graphs given as the input

In case of any doubts, you may please make suitable assumptions, state and justify them in the program

(10)