Problem 1. Which of the following graphs are trees?

(a) [Graph A]
(b) [Graph B]
(c) [Graph C]
(d) [Graph D]

Problem 2. (a) Use Kruskal’s algorithm to find a minimum weight spanning tree in the given graph.

(b) Construct a TSP route using the spanning tree that you obtained in part (a). What is the weight of the resulting route?