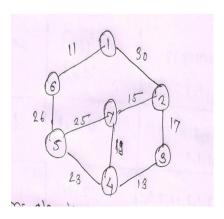(1) Explain Recurrence and various methods to solve Recurrences.

(2) Find Minimum Cost Spanning tree using Prims algorithm.

(3) Explain Greedy Method and solve Knapsack Problem using Greedy Method.

     Object 1, 2, 3
     Profit   60,100,120
     Weight 10, 20, 30
     Capacity- 50.

(4)Analyze best case, Worse case and Average case complexities of Quick Sort.