

## **Artificial Intelligence Lab (CS 236)**

### **Practice Assignment - 9**

1. Implement Genetic algorithm for travelling salesman problem and report the solution quality and computational time.
2. Implement simulated annealing algorithm for the following problem:

Divide the  $N$  students in  $k$  groups based on their marks in the course AI such as diversity in each group is minimized (where,  $N=5$  and  $k=2$ )