**2802ICT Assignment 1 Marking scheme**

**Name:**

Part A:

1. BFS algorithm (20)

2. Time to get solutions for N=1 to 20 (10)

3. Predict number of solutions and time cost for N=30 (10)

4. Pruning for speed up (10)

Part B:

1. Hill-climbing search (15)

2. Simulated annealing search (15)

3. Comparative study of two local search algorithm (20)

Total (100):