CS 251: Practical Work on Data Structures &

Design of Algorithms

(Repeat)

Answer either Q1 or Q2

Time: 2 Hours

{ The program should be tested for a set of sample data and their listing and output should be handed over to the supervisor }

Q1

(a) Write a C++ function to implement the **Merge** sort algorithm.

(b) Write a main program to test your function.

Q2

(a) Write a C++ function to implement the Binary **Search** algorithm.

(b) Write a main program to test your function.