

EASTERN UNIVERSITY, SRI LANKA

SECOND EXAMINATION IN SCIENCE 2001/2002

FIRST SEMESTER (April/May)

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.