Indian Statistical Institute
Semestral Examination 2009-2010
B.Math II Year I Semester
Computer Science I (Programming in C)
Part B (**Practical**)

Date : **November 27, 2009**   Time: **1 Hour**   Total Marks:**10**

Answer any two questions. All questions carry equal marks. Marks are shown to the left of each question.

[5] 1. Write a program in C to **search** for a given element in a **sorted** array using **binary search**.

[5] 2. Write a program in C to **sort** the elements of an array using **Quick Sort**.

[5] 3. Write a program in C to **split** a singly **linked list** into two lists so that all elements in **odd position** are in one list and those in **even position** are in another list.