# FINAL EXAMINATION FORMAT

## 1 General

- 6 questions choose 4 to answer
- each question has equal marks(15)
- Total time: 2 hours.

## 2 Topics by Question

### 1 (DS) Variables, Pointers, Arrays and Records

### 2 (DS) Linked Lists, Stacks and Queues

### 3 (DS) Trees and Graphs

### 4 (Alg) Big O Notation and Time Complexity

### 5 (Act) Searching and Sorting

### 6 (Th) FSA and Turing Machines

## 3 ANSI-C code?

- Questions 1 and 2:  write ANSI-C code
- Question 4:  analyze, not write, C-code
- Question 6: no ANSI-C code