



Assignment – 1

Class : A1801

Date of Allotment : 17TH February 2010

Date of Submission : 27th February 2010

Date of Test : 26th February 2010

PART: A

- Q1: Delineate the concept of data type in data structures.
- Q2: Give a brief description of the various data structures known to you.
- Q3: Elaborate the concept of “Algorithm complexity” by taking suitable examples.

PART: B

- Q4: Discuss the concept of “Big O Notation” by taking some example.
- Q5: Give some illustrative examples for linked and sequential data structure representation. How linked and sequential representation is beneficial in data structures?
- Q6: Elaborate the concept of The best, average & Worst cases analysis methodology.
