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**Assignment – 2**

**Class : A1805**

**Date of Allotment : 5<sup>th</sup> March 2010**

**Date of Submission : 15<sup>th</sup> March 2010**

**Date of Test : 17<sup>th</sup> March 2010**

**PART: A**

- Q1: How the concept of pointers is useful in the implementation of data structures? Explain.
- Q2: Elaborate the concept of “Fixed block storage allocation” and “Buddy system” in dynamic memory management.
- Q3: Discuss the usage of pointer by taking suitable examples.

**PART: B**

- Q4: What are the various memory management functions? Elaborate with examples.
- Q5: How debugging pointers are beneficial in data structures?
- Q6: With any example implement the searching and Insertion in linked list.

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