INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT

ASSIGNMENT-2

UNIT-II

1. a) Write an algorithm to insert a node at the beginning of single linked list.

b) Write an algorithm to delete a node from the end of double linked list.

2. Write a C function that takes a linear linked list as its input and display it in the reverse order.

3. Write a C function that concatenates two linear linked lists.

4. Explain the comparison between linear linked list, doubly linked lists, circular linked list.

5. What is the use of header linked lists.

6. What are the applications of linked list?

7. Compare linked lists with other data structures.