GLS UNIVERSITY
Faculty of Computer Applications and IT

Data Structure Practical
BCA SEM III

Practical Assignment – IV and V

List of Practical Programs

1. Write a program to implement Insertion Sort.
2. Write a program to implement Selection Sort.
3. Write a program to implement Merge Sort.
4. Write a program to implement Bubble Sort.

5. Write a program to implement Quick Sort.
6. Write a program to search an element from an array using Linear Search.
7. Write a program to search an element from an array using Binary Search.
8. Write a program to implement BST insertion and in-order, per-order and post-order traversal.

Note: All the students have to attempt all the practical questions.