

SECTION-B

2. Write a note on Arrays.
3. Write an algorithm to insert a node in doubly linked list.
4. Differentiate between BFS and DFS in graphs.
5. Write an algorithm for binary search.
6. Perform bubble and quick sort on given array.

55, 47, 88, 12, 30, 99, 23, 65, 71

SECTION-C

7. Create a BST of 15 nodes. Write all 3 traversals.
8. What is a heap tree? Write an algorithm for heap sort.
9. What do you mean by infix, prefix and postfix expressions? How to evaluate postfix?