## **DATA STRUCTURE**

| 1  | What do you mean by Circular Link List? Write An algorithm to insert & delete a node from Circular Link list. |
|----|---|
| 2  | Write a algorithm to insert & delete one node to Beginning & Last position of single link list.               |
| 3  | Write a algorithm to Convert infix expression in Prefix expression.   |
| 4  | Explain the Concept of Stack. And write algorithm For stack opera.  |
| 5  | Explain Tree in detail? What is Different between Binary Tree and Complete Binary Tree.                       |
| 6  | What do you mean by Queue? List out Different Type of queue and Explain Priority Queue?                       |
| 7  | Explain Linear & Binary search with Example.  |
| 8  | Explain Weighed balance tree and Heighted balance Tree.   |
| 9  | Explain Heap Sort in Detail with Example.   |
| 10 | Explain Quick sort in detail with algorithm.  |
| 11 | Explain Primitive Data structure  |
| 12 | Explain 2-3 Tree  |
| 13 | Explain Application of link list  |
| 14 | Explain Tower of Hanoi  |
| 15 | Explain AVL tree.   |