



## SECTION-B

- Q2 Define Array. What are its different types? Explain different operations that can be performed over an array.
- Q3 Write notes on the following :
- a) Algorithm analysis.
  - b) String and their representation.
- Q4 What is linked list? Write and explain an algorithm to sort a linked list.
- Q5 What is stack? Explain how stack can be implemented using an array.
- Q6 Explain the following :
- a) Infix to postfix conversion.
  - b) Quick sort.
- Q7 What is binary tree? How it is different from BST? Write and explain an algorithm to search an item from a BST.