



### SECTION-B

2. Compare and Contrast the ways of representing priority queue in memory.
3. What is Stack? Classification of stack. Explain with example.
4. Write an Algorithm to search an item from linear linked list. Note that linked list is sorted in descending order.
5. Explain the insertion sort algorithm with an example.
6. Draw all possible binary trees that have four terminal nodes and each non-terminal node has two child node.
7. Define Tree. How trees are stored in memory?