





Q 3 (c)	How can stack be represented as linked list?	05
Q 4 (a)	<p>What is Hashing? Insert the following values in a hash table of size 10 using Quadratic Probing. Also find the number of collisions.</p> <p>23, 13, 27, 65, 56, 41, 19, 26, 83, 67</p> <p>OR</p> <p>Write a menu driven program to implement Insertion Sort and Selection sort. The program should ask the user to enter n elements and display the option for either insertion sort or selection sort. Depending upon the selection, the program should sort the elements.</p>	10
Q 4 (b)	<p>What is an AVL tree? Explain with example.</p> <p>Also explain the different rotations that are used while inserting an element into the tree.</p>	10
Q 4 (c)	How can you solve sparse matrix addition using linked lists?	05
Q.3(b)	<p>Create a BST for following numbers</p> <p>26, 38, 15, 29, 33, 12, 20, 31, 18, 30</p> <p>Write preorder and postorder traversal sequence of the same.</p>	10