ACADEMY OF TECHNOLOGY

Lab Assignment (Assignment 9)

Paper name: Data Structure and Algorithm

Code: PCC-CS391   **Semester: 3rd**

Discipline: CSE   **Time: 2 Hours**

Date: October 13, 2022

1. Write a menu driven program in C or C++ to perform the following operations on AVL Tree.

   (a) *insert* a key.

   (b) *inorder* traversal.

   (c) *preorder* traversal.

   (d) *postorder* traversal.

   (e) *search* an given *key*.

   (f) Determine the height of the tree.