Name:_____   Student ID #:_____

Sukkur IBA University
Kandhkot Campus
Mid Examinations
Fall 2022

Course: Data Structures Lab   **Class**: BS (CS/SE) – III
Date: 16th November 2022   **Time**: 1.5 hours
Instructor: Syed Muzamil Hussain Shah   **Marks**: 10+5 Marks

General Instructions:

The following lab task is of 10 marks and 5 marks are on viva.

You can use the previous Doubly LinkedList code and add at least five nodes ie. A, B, C, D, E.

Question 01 [10] Lab

1. Create a method that deletes half of the Doubly LinkedList nodes only if the total number of nodes in the Doubly LinkedList is even. Please handle all cases of the problem.