

Data Structures
Department of Computer Sciences
Iqra National University

Faculty: Muhammad Adil *Asst. Prof.* **Mid Semester** **Marks: 30**

Q#1:

- a. What are the requirements of inserting an element in a One Dimensional Array? 07
- b. Find the address of 52nd element of a One Dimensional Array of A[], first element is stored on 54360 and each element occupies 2 memory locations. 07

Q#2: Design an algorithm to delete an element from a One Dimensional Array. 08

Q#3: Create an Algorithm for Binary Search. 08