Time: 2:30 hrs.

Total Marks: 70

Q-1) Answer the following Questions. [14]
1. What is pointer? Explain in brief with example.
2. Write anote on: Multidimensional Array.

OR

Q-1) Answer the following Questions. [14]
1. Explain various string operations with examples.
2. Write advantages and disadvantages of pointer.

Q-2) Answer the following Questions. [14]
1. What is function? Explain UDF with suitable examples.
2. What do you mean "void" datatype in function? Explain with example.

OR

Q-2) Answer the following Questions. [14]
1. Write differences between call by value and call by reference.
2. Explain all categories of user define functions.

Q-3) Answer the following Questions. [14]
1. Explain searching methods of array with example.
2. Write a program to sort array using bubble sort method.

OR

Q-3) Answer the following Questions. [14]
1. Explain sorting methods of array with example.
2. Write a program to find specific element from array.

Q-4) Answer the following Questions. [14]
1. Explain console – program – file data communication process.
2. Explain file open and close concept with example.

OR

Q-4) Answer the following Questions. [14]
1. Explain the different modes which a file can be opened.
2. Write a program to input 5 city names in file.

Q-5) Answer the following Questions. [14]
1. What is structure? Explain advantages of structure.
2. Write a note on: Memory Allocation functions.

OR

Q-5) Answer the following Questions. [14]
1. How to create run time memory? Explain with example.
2. Explain structure in brief.