

**Note:** 1. Answer any one question from Q1 and Q2. Q3 is compulsory.

**Q1**

- a. What is the purpose of the following file handling functions with an example. **Marks:4 CO:3,5**  
i. feof( )      ii. ferror( )
- b. Write a modular c program to read marks of 'n' students and print the number of students who have obtained highest marks. **Marks:6 CO:4,5**

**Q2**

- a. Explain command line arguments with an example. **Marks:4 CO:3,5**
- b. Write a modular c program to search an element from the array of 'n' elements using Binary search algorithm. If element is found return its index value otherwise return -1. **Marks:6 CO:4,5**

**Q3**

- a. Explain in detail (syntax and operations) of fseek() file handling function with an example. **Marks:4 CO:3,5**
- b. Write a modular C program to sort the given marks of 'n' students in the course of C-programming using insertion sort technique. **Marks:6 CO:4,5**