SDM COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD

Department of CSE and ISE Internal Assessment - III

Course Title & Code: Advance C Programming (22PLC25E)

: 11 Semester

Course Teachers : SSV, JCK, JDP

Date: 19-08-2023 Max. Marks: 20

Duration : | Hr

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

Q1

What is the purpose of the following file handling functions with an Marks:4 CO:3,5 example.

ii. ferror() i. feof()

Write a modular c program to read marks of 'n' students and print the Marks:6 CO:4,5 b. number of students who have obtained highest marks.

Q2

Explain command line arguments with an example. a.

Marks:4 CO:3,5

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

Q3

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