

Module-4

- 7 a. What is a structure? Write a syntax of structure declaration with an example. (06 Marks)
b. Write a C program to pass structure variable as function argument. (08 Marks)
c. What is file? Explain fopen() and fclose() with example. (06 Marks)

OR

- 8 a. Write a C program to maintain a record of 'N' employee detail using an array of structure with three fields(id, name, salary) and print details of employees whose salary is above 10000. (08 Marks)
b. Write a C program to open a file for input, read in a series of numbers until end of file (eof) and display each number on the monitor. (06 Marks)
c. Explain fgetc(), fgets(), fputc() and fputs() function with syntax. (06 Marks)

Module-5

- 9 a. What is a pointer? Write a C program to read two numbers and function to swap these numbers using pointers. (06 Marks)
b. Explain different dynamic memory allocation function in C with syntax. (08 Marks)
c. What is Stack? Explain operation of stack. (06 Marks)

OR

- 10 a. What are primitive and non primitive data types explain with example. (06 Marks)
b. Explain any two preprocessor directives in C with example. (08 Marks)
c. What is queue? Explain its application. (06 Marks)


