**CSC1261 COMPUTER PROGRAMMING ASSIGNMENT III**

**INSTRUCTIONS:**

- Make a group of 5 students different from Assignment I and II and answer the following questions.

- To be submitted not later than on **Wednesday, 10th Jan. 2024 at 9.00 am**

1. **a)** Explain 3 text file functions (file handling) used in <stdio.h>. **(3 Marks)**

**b)** Using a process of passing 2 values between functions, write an application to make a division of 2 float numbers , use a function called callprod(), i and j as actual arguments and m and n as formal arguments **(4 Marks)**

1. Develop a program to create a database of the following items using a structure data type:

* Name of the patient.
* Sex.
* Age.
* Ward number.
* Bed number.
* Nature of the illness.
* Date of admission.

**(5 Marks)**

1. By using pointers, make a program to subtract and multiply 2 numbers at the same time **(4 Marks)**
2. Using **continue** statement, develop a program to find the sum of 5 integers entered by user from the keyboard and if user enters a negative number, it skips or ignores it and calculates the addition of the rest. (**4 Marks)**