AI-1135

B.Sc. (Part - I)

Term End Examination, 2020-21

COMPUTER SCIENCE

Paper-II

Time: Three hours]

[Maximum Marks-50

Note: Answer all questions. All question carry equal marks.

Unit-I

1. (a) Describe structure of C program.
   (b) Explain Relational Operator in c with suitable example.

   OR

   (a) Write different data types in C.
   (b) Explain type of Casting in C.

Unit-II

2. (a) Write C program to Print table of given Number.
   (b) Write C program to swap two number using Functions.

   OR

   (a) Write C program to explain Math function.
   (b) Write C program to check given number is Even or Odd.

Unit-III

3. (a) explain different string manipulation function in C with suitable example.
   (b) Differentiate Structure and Union.

   OR

   (a) Write a C program to determine sum of array elements.
   (b) Explain array of structure and array within structure.

Unit-IV

4. (a) Define pointer and explain the concept of pointer.
   (b) explain pointer to structure with suitable example.

   OR

   (a) Explain the Following.
   i. Calloc and Malloc Function
   ii. Void Pointer

Unit-V

5. Define file handling and Write C program to explain file handling with input, output, reading and writing.

   OR

   (a) What is C preprocessor and Write C program to describe different preprocessors?
   (b) Write work of fflush, fseek, fscanf, fclose and #ifndef.