

Roll No.

DD-2656

B.Sc. (Part-I)

EXAMINATION, 2020

COMPUTER SCIENCE

Paper Second

(Programming in C Language)

Time : Three Hours

Maximum Marks : 50

Note: *Attempt any two parts from each question. All questions carry equal marks.*

Unit-1

1. (a) What do you understand by C Language ? Discuss important features of C.
- (b) Compare relational operators and logical operators.
- (c) Explain the terms, getch(), getchar(), getc(), putchar() and putc().

Unit-2

2. (a) Differentiate between do-while, while and for loops.

[P.T.O.]

- (b) Write a C program to check the given year is leap or not.
- (c) What do you mean by function ? Discuss types of function.

Unit-3

- 3.(a) Write a C program to sort entered elements of one dimensional array.
- (b) Explain array of structure with the help of C program.
- (c) Define Union. Create student union having rollno., name and subject data members. Write C program to read and write data of these data members.

Unit-4

- 4.(a) Discuss pointer to pointer with suitable program.
- (b) Explain pointer to array with the help of coding.
- (c) Write brief note on pointer to structure.

Unit-5

- 5.(a) What are f-open and f-close ? Write its use.
- (b) Describe # if and # else compilation directives.
- (c) Write the uses of f-seek and f-error.