

DD-2676

B.Sc. (Part-I)
EXAMINATION, 2020
INFORMATION TECHNOLOGY
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) Write the structure of C Program.
- (b) Explain Relational & Logical Operation.
- (c) Explain the working of getchar () & putchar() function with example.

Unit-2

2. (a) What is loop ? Explain the do... while loop with example.
- (b) Explain input & output statement in C, with example.
- (c) Explain Maths and character function in C.

[P.T.O.]

Unit-3

- 3.(a) Write a program in C to search an Element in an array.
- (b) What is String ? Explain these Initialization & Declaration with suitable example.
- (c) Differentiate Structure and Union with suitable example.

Unit-4

- 4.(a) What is the use of Pointers ? Explain its advantages ?
- (b) What is pointer to pointer ? Explain with example.
- (c) Explain the Dynamic Memory allocation function malloc () and realloc() with example.

Unit-5

- 5.(a) What is header files ? Explain the uses of header files of C-Language.
- (b) Consider $A = 20$ and $B = 10$. Write a program in C to swap values of A and B.
- (c) Write a short note on File handlings in C Language.