

E-3892

B.C.A.(Part-I) EXAMINATION,2021
(New Course)
Programming in "C" Language
(BCA-103)

Time: Three Hours]

[Maximum Marks:80
[Minimum Passing Marks:27

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

Unit-I

- 1 (a) Explain the structure of C Program with necessary details.
(b) What are the different keywords in C. Specify?
(c) Write the guidelines to use getchar() function in C language.

Unit-II

- 2 (a) Write a program in C to print all Fibonacci series up to n terms.
(b) Clearly specify Nested loop with example.
(c) Differentiate between call by value and call by reference with example.

Unit-III

- 3 (a) Explain the declaration and initialization of Multidimensional array with example.
(b) Explain array within structure with suitable examples.
(c) Specify with example difference between structure and union.

Unit-IV

- 4 (a) What do you understand by Void pointer. Briefly describe.
(b) Differentiate between malloc, calloc and realloc with examples?
(c) Write a note on pointer to pointer with proper example?

Unit-V

- 5 (a) Specify Pre-Processor Directives with example.
(b) Discuss fseek and ferror with examples?
(b) Write a program in C to create file Automobile database in C Lang.