

FD-2853

BCA (Part-I) Examination, 2022

Paper - III

Programming in 'C' Language

Time: Three Hours] [Maximum Marks: 80

[Minimum Pass Marks: 27

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

Unit-I

- 1. (a) Write the history of 'C' Language.
 - (b) Write a 'C' program to illustrate arithmetic operators.
 - (c) Describe the unformatted I/O functions.

Unit-II

- **2.** (a) Explain the branching and switch statement with suitable example.
 - (b) What is function? Describe the types of function.
 - (c) Write a 'C' program to find out biggest of any three numbers.

Unit-III

- **3.** (a) Write the differences between Structure and Union.
 - (b) Write a 'C' program to illustrate enum variable.
 - (c) What is string? Describe the string manipulation library function.

Unit-IV

- **4.** (a) Describe the dynamic memory allocation functions.
 - (b) Write a 'C' program to find out factorial of given numbers using pointer variable.
 - (c) Write short notes on the following:
 - (i) Void pointer
 - (ii) Pointer to structure

DRG 63 (3)

(Turn Over)

DRG 63 (3)

(Continued)

Unit-V

- **5.** (a) What is file handling? Describe the file pointer.
 - (b) Describe the command line arguments.
 - (c) Write short notes on the following:
 - (i) fclose
 - (ii) fflush
