

Half Yearly Examination 2020-21

B.C.A. I Year

Programming In C Language

Paper - BCA - 103

Max. Marks = 80

Time: 3 Hours

Min. Marks = 27

Note:- Attempt any two questions from each unit . Each question carries equal marks. Write programs if needed.

UNIT-I

1. Write a note on data types in C.
2. Discuss the concept of arithmetic, relational and logical operators in C.
3. Write a note on I/O.

UNIT-II

1. Write a note on if statement.
2. Discuss the concept of while and do while loop.
3. Explain concept of functions.

UNIT-III

1. Write a note on 1D array.
2. Discuss the concept of strings.
3. Differentiate structures and unions.

UNIT-IV

1. Write a note on basics of pointers.
2. Discuss the concept of dynamic memory allocation.
3. Discuss the concept of pointer to array.

UNIT-V

1. Write a note on basic file operations.
2. Discuss the concept of command line argument.
3. Explain the concept of preprocessors.