

UNIT-IV

4. (a) What do you mean by JavaScript ? Write about benefits of using JavaScript over VBScript.
- (b) Define Events. How to handle events in JavaScript ?
- (c) Explain working with control flow statements in JavaScript.

UNIT-V

5. (a) Write about E-Payment System.
- (b) Explain Business-to-Consumer (B2C) and Business-to-Business-to-Consumer (B2B2C) E-Commerce in detail with example.
- (c) What is E-market ? Explain future of E-market.

★ ★ ★ ★ ★ C ★ ★ ★ ★ ★

AB-215

Roll No.^T.....

II Semester Examination, 2023

B.C.A.

BCA-103

(Programming in 'C' Language)

Time : 3 Hours]

[Max. Marks : 80

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

UNIT-I

1. (a) What is the structure of C Program ? Explain with an example.
- (b) Discuss the data type, constants, literals and variables with example.
- (c) Describe the unformatted I/O functions with appropriate example.

UNIT-II

2. (a) What is conditional statement ? Explain two way branching and multiway branching statement with example.

P.T.O.

- (b) Discuss the scope and lifetime of variable.
- (c) What is recursive function ? Write a C program to demonstrate recursive function.

UNIT-III

3. (a) Define array ? Discuss the types of array with example.
- (b) Differentiate between structure and Union with example.
- (c) Write a C program to implement array of structure.

UNIT-IV

4. (a) What do you mean by pointer arithmetic ? Also explain void pointer.
- (b) Explain the Dynamic memory allocation functions with example.
- (c) Discuss the concept of pointer to pointer with example.

UNIT-V

5. (a) What are the five accessing functions ?
Explain any four in brief.
- (b) What is file pointer ? How to perform error handling during I/O operations.
- (c) Write the short notes on following :
- (i) rewind
 - (ii) fseek

★ ★ ★ ★ ★ C ★ ★ ★ ★ ★