

Roll No. ....

**E-3678**

**B. Sc. (Part II) EXAMINATION, 2021**

COMPUTER SCIENCE

Paper Second

**(Computer Software)**

*Time : Three Hours ]*

*[ Maximum Marks : 50*

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

**Unit—I**

1. (a) Explain the concept of website along with different web standards. Also explain structure of a web page.
- (b) What is HTML and its tags ? Explain Body, List, Hypertext Anchors and Title tags with all its attributes.
- (c) Write notes on the following :
  - (i) CSS
  - (ii) XML and XSL

**Unit—II**

2. (a) Explain in detail designing of frames in HTML.
- (b) Describe image tag with all its attributes. Also explain alignment of image.

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- (c) Write notes on the following :
  - (i) Internal and external linking in web page
  - (ii) Font and Base Font

### Unit—III

- 3. (a) Explain in detail class and object. Write a program to find larger of two numbers using class and object.
- (b) Describe in detail function declaration, function prototype and passing values to function with suitable example.
- (c) Write notes on the following :
  - (i) Polymorphism
  - (ii) Inline function

### Unit—IV

- 4. (a) What is static data member and static member function ? Explain with the help of a program.
- (b) Explain friend function with its syntax. Write a suitable program to explain friend function.
- (c) Write notes on the following :
  - (i) Copy constructor
  - (ii) Multiple inheritance

### Unit—V

- 5. (a) What is Virtual Function ? Explain in detail with the help of a program.
- (b) Explain streams in C++. Also explain stream class.
- (c) Explain void pointer and pointer to object in C++.