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**F - 3698**

**B. Sc. (Part - II) Examination, 2022  
(Old/New Course)  
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) Describe basic HTML Tags.
- (b) Describe following head section elements
  - (i) <BASE>
  - (ii) <ISINDEX>

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- (iii) <LINK>
- (iv) <TITLE>
- (v) <SCRIPT>

- (c) Write HTML code to describe <List> element.

**Unit - II**

2. (a) Write HTML code to demonstrate image element. Assuming iming & path your own.
- (b) Describe the term Image as Hypertext Anchor with suitable example.
- (c) Describe external linking with suitable example.

**Unit - III**

3. (a) What are the various characteristics of object oriented programming languages? Explain.
- (b) Describe inheritance and their types.
- (c) How to pass arguments to a function? Explain with example.

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#### **Unit - IV**

4. (a) What is constructor? Explain types of constructor with example.
- (b) Explain various access specifiers used in C++.
- (c) Write the differences between function overloading and function overriding.

#### **Unit - V**

5. (a) What is pointer and address operator? Also describe pointer to pointer.
- (b) What are various memory management techniques used in C++? Explain.
- (c) Describe pure virtual function concept with suitable example.