



**GD-2716**

B.Sc. (Part-II)  
Examination, March-April, 2023

**COMPUTER SCIENCE**

Paper - II

Computer Software

*Time* : Three Hours]      [*Maximum Marks* : 50

**Note** : Answer all questions. All questions carry equal marks.

**Unit-I**

1. (a) Explain the different types of HTML versions.  
(b) Design a web page for create a form which have following fields :

**STUDENT DATA**

Name of Student :

Roll No. of Student :

Gender :  Male  
 Female

*OR*

519\_DRG\_(4)

*(Turn Over)*



( 2 )

- (a) Explain different types of lists in HTML with example.
- (b) Explain HTML tags with examples.

### Unit-II

2. (a) Write a HTML code to create a web page as following frame :

20%	40%	40%

- (b) Explain HREF tag with suitable example.

*OR*

- (a) Explain IMG tag with their attributes.
- (b) Explain Internal and external linking between web pages.

### Unit-III

3. (a) What do you mean by function overloading? Explain with suitable C++ program.
- (b) Describe the object oriented approach with example.

*OR*

(3)

- (a) Differentiate call by value and call by reference with suitable example.
- (b) Write the characteristics of object oriented languages.

#### Unit-IV

4. (a) What is function overriding? Explain with suitable example.
- (b) What are the functions of constructor? Explain copy constructor with example.

*OR*

- (a) What is Inheritance? Describe single and multiple inheritance with suitable program.
- (b) How to define a class? How to create an object of any class? How to access members of any class? Explain with C++ program.

#### Unit-V

5. (a) Write any C++ program to demonstrate the use of new and delete operator.
- (b) Describe the C++ streams.

*OR*

(4)

- (a) Explain pure virtual function with suitable program.
  - (b) Explain string I/O and object I/O with example.
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