



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

(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. <https://www.hyvonline.com>
- (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.