D–3658

B. Sc. (Part II) EXAMINATION, 2020

COMPUTER SCIENCE

Paper Second

(Computer Software)

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

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

Unit—I

1. (a) What do you mean by web page ? How to download the web page source ?

   (b) Explain the terms CSS, XML and XSL.

   (c) Describe the following tags :

   (i)   <HR>

   (ii) <LINK>

   (iii) <IMG>

   (iv)

   (v)   <CENTER>

Unit—II

2. (a) Write HTML codes for making the following list :

    (i) Sciences :

        (1) Mathematics

        (2) Physics

        (3) Computer Science

    (ii) Arts :

        (1) History

        (2) Political Science

        (3) Economics

    (iii) Commerce :

        (1) Accounting

        (2) Income Tax

    (b) Write HTML codes for producing the given frame :

Roll No.	Name	Percent of Marks	Division
111	aaa	76.2	First
222	ppp	64.3	Second
333	xxx	58.4	Third

    (c) Write a short note on Netscape Navigator.

Unit—III

3. (a) Define OOP. Write the advantages of OOP.

    (b) Explain the concept of passing argument to function with example.

    (c) What do you understand by default arguments ? Write suitable C++ program related to it.

Unit—IV

4. (a) Discuss different types of inheritance.

    (b) What is destructor ? Write C++ program by using it.

    (c) Explain the concept of operator overloading with suitable example.

Unit—V

5. (a) What is virtual function ? Discuss pure virtual function with example.

    (b) Describe C++ manipulators in detail.

    (c) Write short notes on the following :

        (i) This pointer

        (ii) Stream class