**ANNUAL EXAMINATION 2020**

**(Only for Regular Students)**

***Centre No. 135 Centre Name- Disha College, Raipur (C.G.)***

**Class-B.Sc Part-II Subject- Computer Science**

**Paper No- Second Paper Name- Computer Software**

**Time- 3 hrs. M.M.-50**

**Note: Attempt any one question from Each Unit. All Questions carry Equal Marks.**

**UNIT-01**

Q. 1. (a) What is HTML? Describe the following tags:

1. <PRE> ii. <BODY> iii. <HR> iv. <HEAD>

(b) What is xml? Explain difference between xml and html.

OR

Q.2 (a) Explain ordered and unordered list with example.

(b) Describe the following tags:

1. <LINK> ii <SCRIPT> iii <IS INDEX> iv <TITLE>

**UNIT-02**

Q. 3. (a) What is the role of IMG element? Write the attributes of IMG tag. Write

HTML code to include image file in a web page.

(b) Explain internal and external linking between web pages.

OR

Q. 4(a) What do you mean by frame? Explain designing frames in HTML.

(b)Write HTML code for:

|  |  |  |  |
| --- | --- | --- | --- |
| S.No. | Name of Employee | Designation | Department |
| 1 | Ayush Khurana | Manager | IT |
| 2 | Monika Sharma | Operator | IT |
| 3 | Sanjeev Singh | Manager | HR. |

**UNIT-03**

Q.5. (a) Write the main features of object oriented programming language.

(b) Explain operator overloading with program.

OR

Q.6. (a) Explain function overloading with program.

(b)What do you mean by function? Write a program to calculate simple interest using function.

**UNIT-04**

Q. 7.(a)What is Constructor? Explain types of constructors.

(b)What is operator overloading explain with program.

OR

Q.8. (a)What is inheritance? Explain multiple inheritance with suitable program.

. (b)Write short notes on the following:

(i) Access specifiers.

(ii) Friend function.

**UNIT-05**

Q. 9. (a) Explain virtual and pure virtual function with example.

(b) Write short notes on the following:

(i) C++ manipulators

(ii) Stream class

OR

Q.10. (a)What do you mean by file and stream? Explain the features of C++ I/O streams..

. (b)What is void pointer? Explain pointer to pointer with suitable example.