

Unique Paper Code : 32343306  
Name of the Course : BSc (H) Computer Science  
Name of the Paper : Web Design and Development- SEC  
Semester : III  
Duration : 2 Hours  
Maximum Marks : 25  
Students admitted in the year: 2019

**Instructions for Candidates:**

Attempt any Three out of Five questions.

All questions carry equal marks.

Q 1. Differentiate between *request response sequences* of static and dynamic web pages.

Create a **HTML table** of Employee information (Employee Code, First Name, Last Name, City, and Designation). Style the **table** cells with **height of 50px** and also **center align** the text.

Q 2. What are the different *property definitions* used in *CSS*?

*Create a webpage using HTML elements table, list and image* to display the webpage which must be divided in sections as follows :

Course Wise options for UG students of Delhi University		
Course Name	Profile	<Add one image>
1. BSC Computer Science	<ul style="list-style-type: none"> <li>• Software Developer</li> </ul>	
2. BSC Mathematics	<ul style="list-style-type: none"> <li>• Research</li> </ul>	
3. BSC Statistics	<ul style="list-style-type: none"> <li>• Banking and Insurance</li> </ul>	

Q 3. Explain the *rendering model* adopted by JavaScript enabled web browsers.

Create a *web page* which accepts *user name, phone number, email* using text box and *gender* using **radio button** and a *list of five (5) elective subjects*, out of which a student has to select three (3 ) subjects using **check boxes**. Use *submit button* to display values entered by the user. **Apply null value validation** on each input field.

Q 4. What are the *TWO PHP functions* that can be used to accept *any number of arguments*?

Write PHP script to construct the following *pattern using for-each* loop.

```

    1
  1 1
 1 2 1
1 3 3 1
 1 4 6 4 1
  1 5 10 10 5 1
   1 6 15 20 15 6 1
    1 7 21 35 35 21 7 1
```

Q 5. Write a program using *PHP and MySQL* to create a *database EMP\_INFO*. Create a *table EMPLOYEE* and *INSERT* records of FIVE employees in it with the following details:

**Table Name:** *EMPLOYEE*

**Table Attributes:** *Emp\_ID, Emp\_Name, City, Phone\_no, Salary*

Write PHP code to *display average Salary* of all the employees.