**POORNIMA UNIVERSITY, JAIPUR**

**END SEMESTER EXAMINATION, April 2023**

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|  | **6BT3138** | Roll No. | Total Printed Pages: 2 |
| **6BT3138** |  |
| B. Tech. III Year VI Semester (Back) End Semester Examination, April 2023  **(CC)** | |
| **BCC06109: Client Side Scripting** | | | |

# Time: **3** Hours. Total Marks: **60**

Min. Passing Marks: **21**

Attempt **five** questions selecting one question from each Unit. There is internal choice from Unit I to Unit V. Marks of each question or its parts are indicated against each question / parts. Draw neat sketches wherever necessary to illustrate the answer. Assume missing data suitably (if any) and clearly indicate the same in the answer.

Use of following supporting material is permitted during examination for this subject.

# **--------------------------Nil--------------------** **2. ------------------Nil-----------------------**

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|  |  | **UNIT-I (CO1)** | **Marks** | **Bloom Level** |
| **Q.1** | **(a)** | Explain Internet protocols – FTP, TCP/IP, SMTP and Telnet and internet design principles. | **(6)** | Understanding |
|  |  |  |  |  |
|  | **(b)** | Write a short note on web architecture. Explain world wide web? | **(6)** | Analyzing |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.2** | **(a)** | What is static and Dynamic web applications? Briefly explain front end and back end web development? | **(6)** | Understanding |
|  |  |  |  |  |
|  | **(b)** | What are web service components? Explain SOAP and REST? | **(6)** | Remembering |
|  |  |  |  |  |
|  |  | **UNIT-II (CO2)** |  |  |
|  |  |  |  |  |
| **Q.3** | **(a)** | Explain different tags available in HTML with example. | **(6)** | Applying |
|  |  |  |  |  |
|  | **(b)** | What are the different types of selectors in CSS? Explain with example | **(6)** | Remembering |
|  |  |  |  |  |
|  |  | **OR** |  |  |
| **Q.4** |  | In how many ways you can display HTML elements. Write a code to create a Table with header, rows and column and write CSS for table as shown below.  C:\Users\kavitha\Pictures\table.png | **(12)** | Creating |
|  |  |  |  |  |
|  |  | **UNIT-III (CO3)** |  |  |
|  |  |  |  |  |
| **Q.5** | **(a)** | Write a java script function using various looping statements and integrate it with HTML to display student details in table format. | **(6)** | Applying |
|  |  |  |  |  |
|  | **(b)** | What are event handler? In scripting languages how to handle and controlled event handler? | **(6)** | Applying |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.6** | **(a)** | How to handle errors in Java script. Simulate the mechanism of different error handler used in Java script while developing an application. | **(6)** | Understanding |
|  |  |  |  |  |
|  | **(b)** | Explain java script Date object method and math object methods with example. | **(6)** | Remembering |
|  |  |  |  |  |
|  |  | **UNIT-IV (CO4)** |  |  |
|  |  |  |  |  |
| **Q.7** | **(a)** | Explain difference between HTML and XML. What are the advanced features of HTML5? | **(6)** | Understanding |
|  |  |  |  |  |
|  | **(b)** | What are the uses of Document Type Definition in XML? Explain the internal DTD and external DTD in XML. | **(6)** | Applying |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.8** | **(a)** | With the help of DOM tree, justify XML DOM is a standard for accessing and manipulating XML documents. | **(6)** | Analyzing |
|  |  |  |  |  |
|  | **(b)** | Briefly explain Web SQL database, Web sockets, Web events and Browser life Cycle. | **(6)** | Remembering |
|  |  |  |  |  |
|  |  | **UNITV (CO5)** |  |  |
|  |  |  |  |  |
| **Q.9** | **(a)** | Explain step by step procedure to host a website on web server? | **(6)** | Applying |
|  |  |  |  |  |
|  | **(b)** | How to generate traffic to your website? Describe with an example. | **(6)** | Evaluating |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.10** |  | What are the different types of websites available? What are the web authorising tools? Explain in detail? | **(12)** | Analyzing |