END TERM EXAMINATION

FIRST SEMESTER [BCA] FEBRUARY 2023

Paper Code: BCA-107   **Subject:-Web Technologies**

Time: 3 Hours   **Maximum Marks: 75**

Note: Attempt five questions in all including Q.No.1.which is compulsory.
Select one questions from each unit.

(5x5=25)

Q1. Attempt **any five** of following:
   (a) Differentiate between Java & JavaScript
   (b) Explain Document structure tags.
   (c) What do you understand by the term container in Bootstrap?
   (d) Write a note on WWW & Domain Name.
   (e) Differentiate between HTML & XML
   (f) Differences between GET & POST method.
   (g) Explain the Document Structure Model.

UNIT-I

Q2. (a) What is hotspot? Explain different type of hotspot by considering and image map of your choice. **(6.5)**
   (b) Explain the client-server architecture with diagram. **(6)**

Q3. (a) Explain the following HTML tags with their attributes: **(6)**
   - \<link>
   - \<audio>
   - \<video>
   - \<style>
   - \<a>
   - \<img>

   (b) Create a Quiz related to any topic of your choice by using form elements. **(6.5)**

UNIT-II

Q4. (a) What are Cascading Style Sheets? Explain different types of style sheets with the help of example. **(6.5)**
   (b) Create the webpage containing a background image and apply all the background styling attributes. **(6)**

Q5. (a) What is Responsive Web Design? Explain the key components of Bootstrap? **(6.5)**
   (b) Explain Bootstrap Grid System. Explain how to link Bootstrap in html document. **(6)**

UNIT-III

Q6. (a) Write a program in Java Script that receives a no. from the user & check whether the given no. is Armstrong or not. **(6)**
   (b) Briefly explain various built in Objects in Java Script by giving a suitable example of each. **(6.5)**

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Q7. (a) Write a program to show the various events in Java Script with the help of code. (6)

(b) What is Variable? Explain different datatypes available in Java Script. (6.5)

UNIT-IV

Q8. (a) What is web hosting? Explain different hosting types & components. (6.5)

(b) What do you mean by WYSIWYG Design Tools. Explain the role of Dream Weaver Tool in Website development. (6)

Q9. (a) Explain the different building blocks of XML. (6)
(b) Explain various XML parsers in detail. (6.5)

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