

# 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.

- Q1. Attempt **any five** of following: (5x5=25)
- (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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