

**END TERM EXAMINATION**

FOURTH SEMESTER [BCA] MAY 2019

**Paper Code: BCA 204****Subject: Web Technologies****Time : 3 Hours****Maximum Marks : 75**

**Note: Attempt any five questions including Q. No. 1 which is compulsory.  
Select one question from each unit.**

- Q1. Attempt **any five** of the following: **(5x5=25)**
- Differentiate between Java and Java Script.
  - Differentiate between Container and Empty Tag. Give five examples of Empty Tags.
  - Write a note on History of Internet.
  - What is Cascading Style Sheet? Write advantages of using CSS with HTML.
  - Explain Document Object Model.
  - Explain Web Portal and its types.
  - Explain Font Tag in HTML by giving an example.

**Unit-I**

- Q2. What are frames? What are advantage and disadvantage of using frame while designing web site? Write program to design the following frame and link each frame with 5 different web pages. **(12.5)**


- Q3. a) What is Hotspot? Explain different types of hotspots by considering an Image Map of your choice. **(6.5)**
- b) Design a student registration form in HTML which includes Name, Password, Gender, Address, Hobbies and a Text area for Comments. **(6)**

**Unit-II**

- Q4. a) Briefly explain various built-in objects in Java Script by giving a suitable example of each. Also difference between "Inner HTML", "Outer HTML" and "Inner Text". **(6.5)**
- b) Write a program in Java Script that receives a number from the user and displays the factorial of that number. **(6)**
- Q5. a) Explain various types of CSS with the help of an example. **(6.5)**
- b) Explain different ways through which Javascript code can be attached with web page. **(6)**

**P.T.O.**

**Unit-III**

- Q6. What is the use of Filters and Transitions in DHTML? Write a program to show transition effect on an image of your choice. (12.5)
- Q7. a) Write a program to show the use of onclick, on mousehover and onmouseout events. (6)
- b) Differentiate between HTML and DHTML. Explain any five filters of your choice that can be applied to a given image. (6.5)

**Unit-IV**

- Q8. a) Differentiate between HTML and XML. (6)
- b) What is Web Hosting and Web Publishing? Explain any web publishing tool in brief. (6.5)
- Q9. a) What is XML? Briefly explain its various building blocks. (6.5)
- b) Explain various XML Parsers in details. (6)

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