## END TERM EXAMINATION

FOURTH SEMESTER [BCA] MAY 2019

Paper Code: BCA 204	Subject:	Web Techr	rologies
mine 2 House	 	Maximum	Marks:75

Note: Attempt any five questions including Q. No. 1 which is compulsory.

Select one question from each unit.

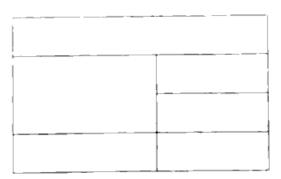
Q1. Attempt any five of the following:

(5x5=25)

- a) 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.
- d) What is Cascading Style Sheet? Write advantages of using CSS with HTML.
- e) Explain Document Object Model.
- f) Explain Web Portal and its types.
- g) 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)

<u>Unit-II</u>

- 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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