

# END TERM EXAMINATION

FOURTH SEMESTER [BCA] MAY- JUNE 2015

Paper Code: BCA-204

Subject: Web Technologies  
(Batch 2011 onwards)

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions including Q1 which is compulsory.  
Select one question from each unit.

Q1

(5x5=25)

- (a) What are the differences between HTML and XML.
- (b) Explain different types of hyperlinks.
- (c) Explain any four image formats used for the web
- (d) Explain any four basic data types in Javascript
- (e) Explain the following HTML tags  
(i) Pre (ii) A (iii) Img (iv) font

## UNIT-I

Q2

- (a) What is a search engine? Explain its working
- (b) Explain POP and IMAP

(6.5)

(6)

Q3

- (a) What is a list? Explain different types of lists in HTML with example. (6.5)
- (b) Explain the steps to form floating frames in HTML. Write code to form a floating frame. (6)

## UNIT-II

Q4

- (a) What is Cascading Style Sheet (CSS)? What are the benefits of CSS? Write code to apply CSS to an HTML document in two different ways. (6.5)
- (b) Explain Text alignment, indentation, decoration, spacing and transformation using CSS giving appropriate code. (6)

Q5

- (a) What is JavaScript? Explain Client-side JavaScript and Server-side JavaScript. Write javascript code to display current date and time at the click of a button. (6.5)
- (b) Demonstrate onChange event handler in JavaScript code when input focus exist the field after the user modifies its text. (6)

## UNIT-III

Q6

- (a) What are the advantages and disadvantages of DHTML? (6)
- (b) What is the Object Model? List any four objects, HTML elements and their properties. (6.5)

Q7

- (a) How do you create layers in DHTML? Explain with code. (6.5)
- (b) What are transitions in DHTML? Explain four different types of filter. (6)

## UNIT-IV

Q8

- (a) Explain three features of Dreamweaver. (6)
- (b) What is web publishing? What is required to publish web content? Explain two web publishing tools. (6.5)

Q9

- (a) What is a mark up language? Discuss the features of mark up languages. (6.5)
- (b) What functions do XML parsers perform. Explain. (6)

\*\*\*\*\*

P