

# END TERM EXAMINATION

FOURTH SEMESTER [BCA] MAY-JUNE-2014

Paper Code: BCA-204

Subject: Web Technologies  
(Batch 2011 Onwards)

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions, including Q.no.1 is compulsory. Select one question from each unit.

- Q1 (a) Compare the terms Browser and a Search Engine. (3)  
 (b) Describe the correlation between JAVA and Internet. (3)  
 (c) Compare JAVA with JAVA script. (3)  
 (d) What do you mean by term downloading? (3)  
 (e) Why JAVA is considered as platform independent language? (3)  
 (f) What do you understand by Homepage? How would you specify the location of Homepage? (5)  
 (g) Describe the steps for creation of web page using internet explorer/netscape. Navigator. (5)

### Unit-I

- Q2 (a) Define WWW. What are the various features of WWW? (6)  
 (b) Describe HTTP and URL. What are the various components that constitute a URL? (6.5)
- Q3 (a) Define the term Frame. What are the components of frames? Explain briefly. (8)  
 (b) Describe the role of browser. (4.5)

### Unit-II

- Q4 (a) What are the control structures available in JAVA? Explain using suitable examples. (10)  
 (b) Explain the concept of multithreading in JAVA. (2.5)
- Q5 (a) Explain JavaScript and its functioning. (4.5)  
 (b) Write a program that will compute factorial value of given number. (8)

### Unit-III

- Q6 What do you understand by dynamic WEB pages? How does CGI help in generating dynamic WEB pages? (12.5)
- Q7 (a) Explain the importance of DHTML in real life. (8)  
 (b) Compare DHTML and JAVA Script. (4.5)

### Unit-IV

- Q8 Mention attractive features of Mark Up Languages. Also differentiate between HTML and XML. (12.5)
- Q9 (a) Describe the role of HTML and CSS in XML. (4.5)  
 (b) What are the major components of XML? Explain briefly. (8)

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