

# END TERM EXAMINATION

SIXTH SEMESTER [BCA] MAY-2010

**Paper Code: BCA 308**

**Paper ID: 20308**

**Subject: Internet Programming**

**Time : 3 Hours**

**Maximum Marks : 75**

**Note: Question 1 is compulsory. Attempt one question from each unit.**

**Q1. Answer the following (any five):**

**(3x5=15)**

- (a) Explain Java Script objects.
- (b) Mention the three page editor views of Microsoft Visual Interdev.
- (c) Explain <SCRIPT> tag in Java Script.
- (d) Global.asa. file
- (e) Data types in VBScript.
- (f) Explain TCP/IP protocol.
- (g) Internet Information Server

**Unit-I**

**Q2. (a) Write a Java Script program the inputs three integers from the user and displays the Sum, Average, Product, Smallest and Largest of these numbers. (10)**

**(b) Differentiate Client Side Scripting and Server Side Scripting. (5)**

**OR**

- (a) Differentiate Java and Java Script. (5)
- (b) Describe the strength and weakness of the Java Script. How one can embed the Java Script in HTML. (5)
- (c) What are cookies? Describe how cookies can be used to store the last page visited on the site. (5)

**Unit-II**

**Q3. (a) Write a CSS rule that makes all text 1.5 times larger than the base font of the system and colors it red. (7)**

**(b) Create a web page which applies the invert filter to an image if the user moves the mouse cursor on the image. (8)**

**OR**

**(a) Write a script that prints out the length of all collection on a page. (6)**

- (b) Write short note on the following:**
- (i) Dynamic HTML
  - (ii) VBScript
  - (iii) CSS

**Unit-III**

**Q4. (a) How ASP provides the dynamicity to the web pages. Explain the list of scripting languages used in ASP. (10)**

**(b) What are the different features of PWS. (5)**

**OR**

**(a) How Active Server Page works? Explain the (i) GET and (ii) POST HTTP (10)**

**(b) Compare the ODBC, ADO and RDO. (5)**

**Unit-IV**

**Q8. (a) What is DTD, Why we use a DTD.? Explain its types with the help of example. (6)**

**(b) Differentiate the following: (3x3=9)**

- (i) Types of Servlet
- (ii) XML Parsers
- (iii) XML DTD

**OR**

**(a) Explain life cycle of servlet. (6)**

**(b) Write short note : (3x3=9)**

- (i) XSL
- (ii) Elements and Attributes in XML.
- (iii) Differentiate XML and HTML.

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