

Paper Code: MCA-412

Roll No.

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MCA
(SEM IV) EVEN SEMESTER EXAMINATION, 2015-16
WEB TECHNOLOGY

[Time: 3 hrs.]

[Max. Marks: 100]

1. Attempt any four part of the following:- [5x4=20]
 - (a) Define the Following
 - (i) Web team
 - (ii) Web project
 - (b) Explain any three protocols governing the web application.
 - (c) Discuss the responsibilities of web team member.
 - (d) What are components required to build web application?
 - (e) Explain WEB. Write down The difference between a Static page and a Dynamic page
 - (f) Why is it so important to identify the target users for a website development? How do you select contents for your website?

2. Attempt any four parts of the following:- [5x4=20]
 - (a) How does HTML differ from XML? Explain with the help of an example.
 - (b) Write a CSS rule that changes the color of all elements containing attributes class: 'green move' to green and shift them down 25 pixels and right by 15 pixels.
 - (c) Give a technical note on DTD.
 - (d) What is form validation? How is it done with the help of XML
 - (e) Create a XML file designed to contain information about student performance on a module. Each student has a name, a roll number, a subject mark and an exam mark.
 - (f) Differentiate between the following
 - (i) ROLSPAN & COLSPAN
 - (ii) HTML & DHTML

3. Attempt any two parts of the following:-

[10x2=20]

- (a) (i) What do you mean by event? How event handling is done in JavaScript?
(iii) Write a short on DOM? Give an example of implementation of DOM in a JavaScript
- (b) (i) What do you mean by AJAX? Is it same as JavaScript? Describe its applications.
(ii) Write about VB Script.
- (c) Explain how events are handled in JavaScript. Create a JavaScript which has event handlers for the buttons "red", "blue", "green", "yellow" and "orange" which must produce message stating the chosen favorite color. The event handler must be implemented as a function, whose name must be assigned to the onclick attribute of the radio button elements. The chosen color must be sent to the event handler as a parameter.

4. Attempt any two parts of the following:-

[10x2=20]

- (a) (i) Explain servlet API and servlet packages in java?
(ii) Name the methods of Servlet Request class and explain their usage.
- (b) (i) What is JSP ? Explain its role in the development of web sites.
(ii) What are various implicit objects used with JSP? Explain.
- (c) (i) Write short notes on ASP.NET
(ii) Give an overview about COM/DCOM.

5. Attempt any two parts of the following:-

[10x2=20]

- (a) What is PHP? What are its advantages? Explain the file upload process in PHP.
- (b) What are filters in PHP? Write a PHP script to explain the use of switch? Also explain what is session?
- (c) What is PHP ODBC? Write script in PHP to send a mail to a person. How exceptions are handled in PHP.