Printed Pages: 4   NMCA-412

<table>
<tr><td colspan="2">(Following Paper ID and Roll No. to be filled in your Answer Books)</td></tr>
<tr><td>Paper ID : 214426</td><td>Roll No.</td></tr>
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M.C.A.

Theory Examination (Semester-IV) 2015-16

WEB TECHNOLOGY

Time : 3 Hours   *Max. Marks : 100*

Note : 7

Section-A

Q1. Attempt all parts of this section. Answer in brief.

(2×10=20]

   (a) What is the difference between TCP and UDP?

   (b) Define the GET( ) and POST( ) method.

   (c) What do you understand by markup language? How to implement the HTML Links?

   (d) Compare SGML-based versus XML-based HTML.

(1)   P.T.O.

(e) What is the purpose of CSS Box Model and mention its parts also.

(f) Are Java and JavaScript the Same?

(g) Explain concept of Cascading and inheritance Concepts in CSS.

(h) How the Sessions can be maintained in Session tracking?

(i) How to change an HTML Element with the help of DOM.

(j) Discuss the role of Normal Flow Box Layout in CSS and also discuss about positioning in CSS.

Section-B

Q2. Attempt any five questions from this section. (10×5=50)

(a) Write a JAVA script to compute the compound Interest for 10 years and display the result in HTML table format.

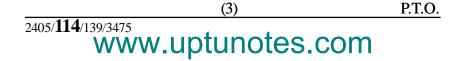(b) Explain how the connection is established between the Server and Client using Response object in ASP.

(c) How "Mouseovers" can be created in Dynamic HTML. Give examples to change the Size and Color of the Text in a Web Page

(d) What are the two methods in ASP request object? Explain with example.

(e) What are cookies? Design jsp code to count no of times the page is visited?

(f) Write a php script to accept two strings and check whether equal or not using sticky form.

(g) Write a php script to create user-defined functions Xsubstr (string, start [, length]) and illustrate the same.

(h) Create a simple Web Service that converts the temperature from Fahrenheit to Celsius, and vice versa:

Section-C

Attempt any two questions from this section. (15×2=30)

Q3. Design a registration form for summer camp. Write a servlet code to insert it in DB.

Q4. How HTTP session objects are used for session tracking? Explain with example. Consider shopping cart as a session attribute.

Q5. Create a form to accept employee details like name, address and mobile-no. Once the employee information is accepted, then accept LIC information like policy no, name, premium. Display employee detail and LIC detail on the next form.