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NMCA-412

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 214426

Roll No.

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M.C.A. (Semester-IV)**SPL. THEORY EXAMINATION, 2014-15****WEB TECHNOLOGY***Time : 3 Hours]**[Total Marks : 100***Note:** All questions are compulsory.

1. Attempt any four parts of the following: 5×4=20
- (a) What are the various characteristics of web project?
What points should be considered in defining a project?
- (b) Differentiate between Web browser and web server.
How does a web server work?
- (c) Write short notes on the following:
- i. DNS
 - ii. Traditional Project Vs. Web Project.
- (d) What are the Role and Responsibilities of core team?
What is team dynamics?

- (e) Explain the concept of URL and IP address. Also describe the various fields in IP datagram header.
2. Attempt any two parts of the following: $10 \times 2 = 20$
- (a) Give the introduction to PHP. What are the benefits of PHP? Write code to demonstrate array handling (i.e. numeric, associative and multidimensional).
- (b) Compare VB Script and JAVA Script by giving their strength over other.
- (c) How event handling is done in JAVA SCRIPT? Write a program to create an applet, windows completely back in colour to start with that becomes brighter and brighter as you go on clicking the mouse.
3. Attempt any two parts of the following: $10 \times 2 = 20$
- (a) Explain on how ASP involved in developing online application with an example?
- (b) Explain the properties and concepts of CSS and its uses with an example.
- (c) Discuss in detail about JavaScript? Write a JavaScript program to find largest among 5 numbers.
4. Attempt any two parts of the following: $10 \times 2 = 20$
- (a) What are the two methods in Ajax to update part of web page? Describe them in detail.
- (b) What is AJAX? Explain the role of AJAX in the web site development.
- (c) What is JSP? What are the advantages of JSP over CGI? JSP provide better performance, prove this statement. How can we enable and disable session in JSP?
5. Attempt any two parts of the following: $10 \times 2 = 20$
- (a) What is the functionality of JSP? What are the advantages of JSP over various server side programming techniques? How does JSP handle runtime exceptions?
- (b) (i) Write PHP code to delete some data from MYSQL database.
- (ii) Write a PHP code to demonstrate file inclusion i.e. include() and require().
- (c) Write short notes on:
- VB script
 - PHP
 - Dynamic Page/ Active Page
 - AJAX

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