PA-1033

[5902]-63
T.Y. B.Sc. (Computer Science)
CS - 363 : WEB TECHNOLOGIES - II
(2019 Pattern) (Semester - VI) (CBCS)

Time : 2 Hours]   *[Max. Marks : 35*

Instructions to the candidates:

1) All questions are compulsory.

2) Figures to the right indicate full marks.

Q1) **Attempt any EIGHT of the following :**   **[8 × 1 = 8]**

a) How to set response header in PHP?

b) Write any two applications of using AJAX.

c) What are XML namespaces?

d) Write the elements of global array $_SERVER.

e) Give any two limitations of JavaScript.

f) Whether root element is required for XML file? If so, how many root elements are required?

g) What is the use of iSNAN() function in Java Script?

h) What are different values of readyState property of XMLHttpRequest?

i) List out parts of XML document structure.

j) Which function is used to create cookie in PHP? Give syntax of it.

Q2) **Attempt any FOUR of the following :**   **[4 × 2 = 8]**

a) List any four datatypes that JavaScript support with its usage.

b) How to start and destroy session in PHP? Give syntax.

c) Draw AJAX web application model.

d) What is MVC?

e) What are different rules to make XML document well-formed?

P.T.O.

Q3) **Attempt any TWO of the following :** [2 × 4 = 8]

a) Explain the JavaScript confirm dialog box with suitable example.

b) Explain CodeIgniter architecture with suitable diagram.

c) What are different techniques to maintain state in PHP?

Q4) **Attempt any TWO of the following :** [2 × 4 = 8]

a) Write an AJAX program to display list of countries stored in an array on clicking OK button.

b) Design the HTML form to accept Employee name, Age and Mobile no. and perform the following validation using Java Script:

i) No field should be empty.

ii) Mobile no. must contain 10 digits

c) Suppose following books.xml is loaded into xmlDoc. Get the first <book> element and change the "category" attribute value to "food" using XML DOM.

<?xml version="1.0" encoding="UTF-8"?>

<bookstore>

    <book category="cooking">

    <title lang="en">Everyday Italian</title>

    <author>Giada De Laurentiis</author>

    <year>2005</year>

    <price>30.00</price>

    <book>

    </bookstore>

Q5) **Attempt any ONE of the following :** [1 × 3 = 3]

a) What is XML parser? Explain two different types of XML parsers.

b) Write down the steps to integrate external CSS and JS file in CodeIgniter. Give example.

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