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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech.(CSE) (2011 Onwards Elective-I) (Sem.-6)

**WEB TECHNOLOGIES**

Subject Code : BTCS-901

Paper ID : [A2309]

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students has to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.

**SECTION-A****1. Write briefly :**

- a. What is the difference between cellpadding and cellspacing attributes?
- b. What tag is used to define a link?
- c. What is XML?
- d. What is DTD?
- e. What is http?
- f. What is Web server?
- g. What is ISP?
- h. When do we declare a method or a class as abstract?
- i. Why Java is called as Internet programming language? Explain.
- j. What is XML element?

**SECTION-B**

2. Create, test, and validate an HTML document to describe an unordered list of at least four states. Each element of the list must have a nested list of at least three cities in the state.
3. How can a PHP script determine whether a particular cookie exists?
4. What do you mean by AJAX? What problem does it solves?
5. How can we create a database using PHP? Explain.
6. List and explain XML syntax rules.

**SECTION-C**

7. Describe different forms of inheritance with examples.
8. How form handling is done in Java script? Explain. Also create and validate registration form using Java script.
9. Write a short note on the following :
  - a. Internet addressing
  - b. Style sheets
  - c. AJAX server script
  - d. PHP and MySQL