

Code No: R1641053

**R16**

**Set No. 1**

**IV B.Tech I Semester Supplementary Examinations, July/Aug - 2021**

**WEB TECHNOLOGIES**

**(Computer Science and Engineering)**

**Time: 3 hours**

**Max. Marks: 70**

*Question paper consists of Part-A and Part-B*

*Answer ALL sub questions from Part-A*

*Answer any FOUR questions from Part-B*

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**PART-A (14 Marks)**

1. a) Define the syntax of creating a list in HTML. [2]
- b) What are JSP Implicit Objects? [2]
- c) What is XML? List characteristic features of XML. [2]
- d) What is PHP? What are the common uses of PHP? [2]
- e) How are the cookies handled in PERL. [3]
- f) Write in brief about extend and include in Ruby. [3]

**PART-B (4x14 = 56 Marks)**

2. a) Discuss in brief about CSS box model. [7]
- b) Explain in brief about Conflict resolution in CSS. [7]
3. a) Explain about object, methods and events in Java Scripts. [7]
- b) With an example program, explain form validation concept in JavaScript. [7]
4. a) Collect the student's details such as, register number, name, subject and marks using forms and generate a DTD for this XML document. Display the collected information in the descending order of marks. Write XML source code for the above. [7]
- b) Explain about various types of XML parser. [7]
5. a) How to execute a simple query in PHP? Illustrate. [7]
- b) Explain about various file operations on text files in PHP. [7]
6. a) How can you handle the files in Perl? [7]
- b) Explain in brief about how to call and identify subroutine in perl with example. [7]
7. a) Write a Ruby program that uses iterator to find out the length of a string. [7]
- b) Discuss in brief about the Rail concept in Ruby. [7]