

Code No: **R1641053**

R16

Set No. 1

IV B.Tech I Semester Regular/Supplementary Examinations, Jan/Feb - 2022

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

PART-A (14 Marks)

1. a) Define Cascading of a style sheet? [2]
b) How does one access cookie in a java script? [2]
c) How can you declare attributes in XML? Give an example. [2]
d) How to create a text file in PHP? [2]
e) What are the user defined functions in PERL? [3]
f) How to create an array in RUBY? [3]

PART-B (4x14 = 56 Marks)

2. a) How can you create HTML documents with frames? Explain. [7]
b) Create a HTML document that displays a table of basketball scores at national games in which the team names have their respective team colors. The score of the leading/winning team should appear larger and in a different font than the losing team. Use CSS. [7]
3. a) How to use Cookies and session for session tracking? Explain with an example [7]
b) Write in brief about JSP tag extensions and libraries. [7]
4. a) What is a 'XML Parser'? Explain in detail how XML data is parsed with an example. [7]
b) Define client side programming. Explain briefly about AJAX. [7]
5. a) Define operator. Explain different operators used in PHP. [7]
b) Write a PHP program for a simple calculator. [7]
6. a) Discuss in brief about the types of data structures supported in Perl. [7]
b) Write a PERL program to implement UNIX 'password' program. [7]
7. a) Describe in brief about multi dimensional arrays in Ruby. [7]
b) Write a ruby script to display grades of a student using hashes. [7]