

Code No: **R1641053**

**R16**

**Set No. 1**

**IV B.Tech I Semester Advanced Supplementary Examinations, May - 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*

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**PART-A (14 Marks)**

1. a) Discuss the common tags of XHTML. [2]
- b) What is the difference between GET and POST method in Java Script? [2]
- c) State rules to define tags in XML? [2]
- d) Give any two advantages of PHP? [2]
- e) How HTML tags emulates with Perl? [3]
- f) How would you declare and use a constructor in ruby? [3]

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

2. a) How group and alignment of tables, rows and columns is achieved using HTML? Explain [7]
- b) Write a HTML code to display class time table? [7]
3. a) How does a Servlet communicates with a JSP page? [7]
- b) Explain in detail of how to use Java Beans in JSP pages with suitable example [7]
4. a) Explain document structure description with example code in XML. [7]
- b) Write a simple AJAX application? [7]
5. a) Explain database connectivity in PHP with reference to MYSQL? [7]
- b) Write a PHP script to add and remove users from a MySQL table? [7]
6. a) List out the categories of PERL functions? Explain in brief about any two functions for each category? [7]
- b) Write a PERL program to connect My SQL database table and execute simple commands? [7]
7. a) Discuss in brief about pattern matching in Ruby with example? [7]
- b) Write a Ruby program to create associative of arrays? [7]