



R20 Regulation

**TKR COLLEGE OF ENGINEERING AND TECHNOLOGY**

(Autonomous, Accredited by NAAC with 'A' Grade)

Subject code: 3P5HB

**B.Tech V Semester Supplementary Examinations, June/July 2023**

**WEB TECHNOLOGIES**

(CSE (DS))

**Maximum Marks: 70**

**Date: 26.06.2023 Duration: 3 hours**

- Note:
1. This question paper contains two parts A and B.
  2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
  3. Part B consists of 5 Units. Answer any one full question from each unit which carries 10M.
  4. Each question carries 10 marks and may have a, b, c, d as sub questions.

**Part-A**

All the following questions carry equal marks

(10x2M=20 Marks)

- 1 Write general structure of PHP script.
- 2 Write the usage of cookies.
- 3 What are the advantages of external DTD?
- 4 What is DOM?
- 5 Explain CGI.
- 6 What is deploying a servlet?
- 7 Define directives.
- 8 What is session tracking?
- 9 Define scope of a variable.
- 10 Explain form validation.

**Part-B**

Answer All the following questions.

(10MX 5=50Marks)

- 11 A. Explain control structures in PHP with examples. (5M)  
B. Explain web form controls in PHP with an example. (5M)  
OR
- 12 Discuss on different file operations in PHP and given an example using binary files. (10M)
- 13 Define XML. Explain the basic rules to write XML document with an example. (10M)  
OR
- 14 A. Compare DOM parser with SAX Parser. (5M)  
B. Demonstrate how DOM relate to XML. (5M)
- 15 A. Explain the servlet life cycle with a neat diagram. (5M)  
B. Explain how to handle parameters in servlets. (5M)  
OR
- 16 Explain how to handle Client Request and Response in Servlets with an example. (10M)
- 17 A. Write the anatomy of JSP page and given an example. (5M)  
B. Define code snippet and develop a code snippet to display system date and time. (5M)  
OR

- 18 A. Demonstrate the usage of Beans in JSP pages. (5M)  
B. Explain connecting a database in JSP with an example. (5M)
- 19 A. Explain variables, operators and control structures in Java script. (5M)  
B. Write a JavaScript to check the given word is a palindrome. (5M)
- OR
- 20 A. Develop a simple AJAX application. (5M)  
B. Discuss on Event handlers in JavaScript. (5M)