



R18 Regulation

Subject code:2P5EE

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech V Semester Supplementary Examinations, May 2025

WEB TECHNOLOGIES

(CSE)

Maximum Marks: 70

Date: 27.06.2025

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.
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)		Marks	CO	BTL
1	Write the differences between GET and POST methods	2M	1	L1
2	Differentiate between the 'BITWISE AND' operator and the 'LOGICAL AND' operator in PHP	2M	1	L1
3	With suitable example explain the creation of namespaces in XML	2M	2	L1
4	What is the Document Type Definition?	2M	2	L1
5	Give a note of servlet API	2M	3	L1
6	What is servlet?	2M	3	L1
7	How are cookies used for session tracking in JSP?	2M	4	L1
8	Is it possible for one JSP to extend another java class? If yes how?	2M	4	L1
9	What is Document Object Model?	2M	5	L1
10	Explain the scope of variable	2M	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BTL
11	Explain variables and operators with example in PHP	10M	1	L2
OR				
12	a) List the statements that are used to connect PHP with MySQL. b) Explain PHP form processing with an example.	5M 5M	1	L2
13	How can both Internal and External DTDs be used in an XML File? Show with an Example.	10M	2	L2
OR				
14	Describe the procedure for validating the XML Documents.	10M	2	L2
15	Write Six Steps to Run Servlet program	10M	3	L2
OR				
16	What is Servlet? Explain about Servlet API.	10M	3	L2
17	a) Write in brief about JSP tag extensions and libraries. b) How to access a database from a JSP? Explain in detail.	5M 5M	4	L2
OR				

18	a) Write a JSP to demonstrate the usage of page and include directives b) How does a Servlet communicates with a JSP page? Explain.	5M 5M	4	L2
19	Explain various operators and data types available in java script. (OR)	10M	5	L2
20	a) What is JavaScript? What are the features of JavaScript? b) Write a JavaScript to display whether given number is a prime or not	5M 5M	5	L2