



R18 Regulation

Subject code:2P5EE

# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

## B.Tech V Semester Supplementary Examinations, November 2025

### WEB TECHNOLOGIES

(CSE)

Maximum Marks: 70

Date:14.11.2025

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	What is the difference between PHP and JavaScript?	2M	1	L1
2	Write a php program to find the factorial of any given number?	2M	1	L1
3	With suitable example explain the creation of namespaces in XML	2M	2	L1
4	What are the advantages and disadvantages of External DTDs	2M	2	L1
5	What is difference between doGet and doPost method?	2M	3	L1
6	What does Servlet config interface do?	2M	3	L1
7	What is Bean? Explain.	2M	4	L1
8	How JSP resolves the problems with Servlets?	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 communicate with a JSP page? Explain.	5M 5M	4	L2
19	Explain various operators and data types available in java script.	10M	5	L2
	OR			
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