



R20 Regulation

Subject code: 3P5HB

# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech V Semester Supplementary Examinations, November 2025

## WEB TECHNOLOGIES

(CSE(DS))

Maximum Marks: 70

Date: 20.11.2025

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 are the data types supported by PHP?	2M	1	L1
2	List various types of arrays supported by PHP. How to declare arrays in PHP.	2M	1	L1
3	Differentiate XHTML and XML.	2M	2	L1
4	Derive naming rules in XML.	2M	2	L1
5	State the differences between GET and POST methods.	2M	3	L1
6	What are the advantages of servlets over CGI?	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 DATE object in JavaScript?	2M	5	L1
10	What is an 'event'? How are events handled in JavaScript?	2M	5	L1

### Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BTL
11	a) State the rules for declaring variables in PHP.	5M	1	L2
	b) How to execute a simple query in PHP? Illustrate.	5M		
OR				
12	a) Explain about the control structures in PHP with illustrations.	5M	1	L2
	b) List and explain the directories in PHP.	5M		
13	Define Document type definition (DTD) in XML. What is difference between internal and External DTD.	10M	2	L2
OR				
14	Briefly explain the SAX Parsers in java.	10M	2	L2
15	What is the use of cookies in servlets explain with an example.	10M	3	L2
OR				
16	What are the two objects that a servlet receives when it accepts a call from client?	10M	3	L2

17	Discuss about various categories of JSP tags. Explain each of them with syntax and suitable examples.	10M	4	L2
	OR			
18	How does a Servlet communicate with a JSP page? Explain.	10M	4	L2
19	How is Client-side Java Script different from Server-side Java Script?	10M	5	L2
	OR			
20	Write a program in JavaScript to convert temperature from Celsius to Fahrenheit and vice versa or Height from centimeters to inches and vice-versa.	10M	5	L2