



R20 Regulation

Subject code:3P6FB

# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VI Semester Supplementary Examinations, November 2025

## WEB TECHNOLOGIES

(IT)

Maximum Marks: 70

Date: 11.11.2025

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	How to create a hyperlink in HTML?	2M	1	L1
2	How many types of heading does an HTML contain?	2M	1	L1
3	List some of the advantages of JavaScript.	2M	2	L1
4	Define anonymous function.	2M	2	L1
5	How a variable is declared in PHP?	2M	3	L1
6	What are the different loops in PHP?	2M	3	L1
7	What are the benefits of XML?	2M	4	L1
8	What is a well-formed XML document?	2M	4	L1
9	What is difference between Generic Servlet and Http Servlet?	2M	5	L1
10	What is Session Tracking?	2M	5	L1

### Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BTL
11	How can we create forms in HTML and explain with examples?	10M	1	L2
OR				
12	a) What is CSS? Explain different mechanisms used to apply CSS to HTML pages?	5M	1	L2
	b) Explain the structure of the HTML webpage with an example.	5M		
13	Write a Java script to design a simple calculator?	10M	2	L2
OR				
14	What are the pop-up boxes available in JavaScript, explain in detail?	10M	2	L2
15	a) Explain PHP Programming using an example.	5M	3	L2
	b) Explain the characteristics of PHP.	5M		
OR				

16	List and explain the string functions in PHP.	10M	3	L2
17	What is Document Object Model (DOM)? Explain the DOM levels.	10M	4	L2
	OR			
18	Illustrate the XML attributes and values.	10M	4	L2
19	What is CGI? List the CGI environmental variables. Explain the life cycle of a Servlet with a neat sketch.	10M	5	L2
	OR			
20	Write in brief about JSP tag extensions and libraries.	10M	5	L2