



R20 Regulation **Subject code: 3P5HB**
TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
 (Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech V Semester Supplementary Examinations, July 2024

Web Technologies
(CSE (DATA SCIENCE))

Maximum Marks: 70

Date:22.07.2024 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		CO	Bloom Tx
All the following questions carry equal marks (10X2M=20 Marks)			
1	What is PHP? What are the common uses of PHP?	CO1	L1
2	Mention the data types supported by PHP.	CO1	L2
3	Define XML Schema.	CO1	L1
4	What are the elements and attribute in XML?	CO1	L1
5	Give the advantages of servlets over CGI.	CO2	L2
6	Present the Difference between Generic Servlet and HTTP Servlet.	CO2	L2
7	What are the Beans in JSP page?	CO3	L1
8	How JSP resolves the problems with Servlets?	CO3	L2
9	How does one access cookie in a java script?	CO4	L2
10	Differentiate between JSP over JAVAScript.	CO4	L1
Part-B			Bloom Tx level
Answer All the following questions. (5X10M=50Marks)			
11	Explain variables and operators with example in PHP. [10M]	CO1	L2
OR			
12	Discuss the control structures in PHP with illustrations. [10M]	CO1	L3
13	A. Differentiate the internal and External DTD. [3M] B. How can both Internal and External DTDs be used in an XML File? Show with an Example. [7M]		L3
OR			
14	Explain about various types of XML parsers. [10M]	CO1	L2
15	What is a 'servlet'? Explain the life cycle of a servlet with an example servlet program. [10M]		L3
OR			
16	What is JDBC? What are the various drivers of JDBC? Explain. [10M]	CO2	L2
17	A. What is meant by JSP Declarations? [3M] B. Explain in detail of how to use Java Beans in JSP pages with suitable example. [7M]	CO3	
OR			

18	How to use Cookies and session for session tracking? Explain with an example program. [10M]	CO3	L3
19	Explain about object, methods and events in Java Scripts with an example program. [10M]	CO4	L3
	OR		
20	A. What are the features of JavaScript? [3M] B. Discuss the event handlers in JavaScript. [7M]	CO4	L2