



R20 Regulation

Subject code:3P5HB

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech V Semester Supplementary Examinations, December 2024

WEB TECHNOLOGIES (CSE(DS))

Maximum Marks: 70

Date:28.12.2024

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 which carries 10M.
 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)		CO	Bloom Tx
1	What are the data types supported by PHP?	1	L1
2	List various types of arrays supported by PHP. How to declare arrays in PHP?	1	L1
3	Differentiate XHTML and XML.	2	L1
4	Define XML Schema?	2	L1
5	Name two CGI environmental variables.	3	L1
6	What are the advantages of servlets over CGI?	3	L1
7	What is Session tracking? Explain	4	L1
8	How to deal with syntax errors in JSP page?	4	L1
9	How to access cookie in a java script?	5	L1
10	What is an 'event'? How are events handled in JavaScript?	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		CO	Bloom Tx
11	A) Explain different types of arrays used in PHP with examples. [5M] B) Write a PHP script to read and write into a file. [5M]	1	L2
OR			
12	A) Explain the steps involved in connecting MySQL database from PHP. [5M] B) Write an example PHP script illustrating how to retrieve and display records from database. [5M]	1	L2
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 Parser in java. [10M]	2	L2
15	A) What is JDBC? What are various drivers of JDBC? [5M+5M] B) Explain about the database connectivity using JDBC?	3	L2
OR			

16	A) With the help of neat diagram, explain the servlet architecture. [5M] B) Develop a servlet that handles an HTTP POST request? [5M]	3	L2
17	A) Give a brief note on Anatomy of a JSP Page. [5M] B) Discuss about various categories of JSP tags. Explain each of them with syntax and suitable examples [5M]	4	L2
	OR		
18	A) How to use Cookies and session for session tracking? Explain with an example program. [5M+5M] B) Discuss about the features of JSP pages	4	L2
19	A) How is Client side Java Script different from Server side Java Script? [5M+5M] B) Write a simple AJAX application.	5	L2
	OR		
20	A) Write a program in JavaScript to convert temperature from Celsius to Fahrenheit and vice versa or Height from centimeters to inches and vice-versa. B) Write a JavaScript for sorting elements of an array using function? [5M+5M]	5	L2