



R20 Regulation

Subject code:3P6FB

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VI Semester Regular/Supplementary Examinations, July 2024

WEB TECHNOLOGIES (INFORMATION TECHNOLOGY)

Maximum Marks: 70

Date:24.07.2024 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 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 is the frame tag with attributes?		CO1	BL1
2	How do you define AJAX?		CO1	BL1
3	What is the scope of the variables in JavaScript?		CO2	BL2
4	What is DATE object in JavaScript?		CO2	BL1
5	List various types of arrays supported by PHP. How to declare arrays in PHP?		CO3	BL2
6	Design a PHP code to swap any two numbers.		CO3	BL3
7	What do you mean by DTD in XML?		CO4	BL1
8	Give the XML syntax and structure rules.		CO4	BL2
9	What are the packages used in servlet API?		CO5	BL1
10	How to use code snippets in JSP?		CO5	BL2

Part-B

Answer All the following questions.		(5X10M=50Marks)		
11	A. Explain the tables in HTML with example. Necessary of tables in HTML. B. What is an image? Explain different types of image in detail. How will you insert an image in a HTML page? (5+5)		CO1	BL2
OR				
12	Design a html registration page in which the name, password, confirm password, gender are to be validated. (10)		CO1	BL3
13	A. Write programs to illustrate Popup Boxes in JavaScript. B. Explain briefly about JavaScript working with Document Object. (5+5)		CO2	BL3
OR				
14	A. What is JavaScript? State the difference between JavaScript and Java. B. Explain function in Java script with an example. (5+5)		CO2	BL3

15	A. Define Session and Cookies. Explain with an example program. B. List and explain the Control structures used in PHP. (5+5)	CO3	BL2
	OR		
16	Explain database connectivity in PHP with reference to MYSQL. (10)	CO3	BL3
17	Create a XML document to store voter ID, voter name, address and date of birth details. Create a DTD to validate the document. (10)	CO4	BL5
	OR		
18	A. Write the advantages of XML schemas over Document Type Definition. B. What is SAX? Write Advantages, Disadvantages and Features of SAX parser. (5+5)	CO4	BL2
19	What is a servlet? Explain the life cycle of a servlet. Illustrate with an example. (10)	CO5	BL3
	OR		
20	Explain about sharing session, application between JSP pages in detail. (10)	CO5	BL2