



R18 Regulation

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

Subject code: 2P6FA

B.Tech VI Semester Regular/Supplementary Examinations, June 2022

WEB TECHNOLOGIES (INFORMATION TECHNOLOGY)

Maximum Marks: 70

Date: 17.06.2022 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)

- 1 Define AJAX.
- 2 What is a DATE object in JavaScript?
- 3 How to define global variables in PHP?
- 4 What is the use of the header function in PHP?
- 5 Define DTD.
- 6 Why are attributes used in XML?
- 7 What is Session?
- 8 State the purpose of the Common Gateway Interface.
- 9 What is the use of the isNaN function?
- 10 List the differences between Java and JavaScript.

Part-B

Answer All the following questions.

(5X10M=50Marks)

- 11 Explain Cascading Style Sheets and their types with an example. (10)
OR
- 12 Write and explain tags to create the following HTML form elements with their attributes. (10)
(i) textbox (ii) Dropdown list (iii) Password field (iv) Checkbox (v) radio button
- 13 Describe database connectivity in PHP for storing customer details of the bank with reference to MYSQL. (10)
OR
- 14 A. Define Session and Cookies. Explain with an example program. (6)
B. List and explain the string functions in PHP (4)
- 15 How can both Internal and External DTDs be used in an XML File? Show with an example. (10)
OR
- 16 Explain XML Schema with an example. (10)
- 17 A. Discuss Session tracking in Servlets with a suitable example. (6)
B. What are the advantages of Servlets over CGI? (4)
OR
- 18 Explain the life cycle of a servlet in detail with a neat sketch. (10)

- 19 A. Discuss the standard action tags of JSP in detail (6)
 B. How will you access a database from a JSP page? (4)
- OR
- 20 Explain about the getProperty() and setProperty() of beans in JSP. (10)