



B.Tech V Semester Supplementary Examinations, July 2022
WEB TECHNOLOGIES

(CSE)

8.7.2022

Maximum Marks: 70

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)

- 1 How do you execute a PHP script from the command line?
- 2 What are the storage engines used by MySQL?
- 3 What is a Document Object Model?
- 4 What is XML? List Characteristics features of XML?
- 5 Write the purpose of cookies?
- 6 Mention the uses of Servlet?
- 7 What is Bean? Explain?
- 8 List the JSP Implicit Objects?
- 9 What is the Scope of variables in javascript?
- 10 How the Key word 'new' is used to create objects in javascript?

Part-B

Answer All the following questions.

(10M X 5=50Marks)

- 11 a) How will you concatenate two strings in PHP? [5]
b) Write a PHP script to retrieve the data from the oracle database? [5]
OR
- 12 a) How are variables declared in PHP? [5]
b) Write a program in PHP to find the length of a string 'Welcome to PHP programming'? [5]
- 13 a) Define Document Type Definition (DTD) in XML? [5]
b) Write the difference between Internal and External DTD? [5]
OR
- 14 a) What is XML Schema? Describe XML Schema for designing a Web Page as an illustration? [5]
b) What is 'XML Parser'? [5]
- 15 a) What are the advantages of Servlets over CGI? [5]
b) What is a Servlet? Explain the Life Cycle of Servlet with an example of servlet program? [5]
OR
- 16 a) Explain how HTTP POST request is processed using Servlets. [5]
b) Discuss how servlets can be used to extend a web server's functionality. [5]

- 17 a) What is jsp Preprocessing? [5]
b) Explain the types of Scripting tags and Directive tags in JSP. [5]
OR
- 18 a) Explain the MVC architecture and write a JSP program which prints the current date? [5]
b) List the types of JSP Implicit Objects. [5]
- 19 a) What is the functioning of the javascript keyword 'this' and 'dot' operator? Explain. [5]
b) Explain a simple AJAX application? [5]
OR
- 20 a) Describe about String object in JavaScript? [5]
b) Build a java script to verify a phone number, email-id and date. [5]