

Code: 19CS3603

**III B.Tech - II Semester – Regular Examinations – JUNE 2022**

**WEB APPLICATION DEVELOPMENT  
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

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- Note: 1. This question paper contains two Parts A and B.  
2. Part-A contains 5 short answer questions. Each Question carries 2 Marks.  
3. Part-B contains 5 essay questions with an internal choice from each unit. Each question carries 12 marks.  
4. All parts of Question paper must be answered in one place.
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**PART – A**

1. a) Write about table border tag.  
b) Write a note on this keyword in JavaScript.  
c) What is Network Protocol driver?  
d) What are the advantages of servlet over CGI?  
e) What are JSP Implicit Objects?

**PART – B**

**UNIT – I**

2. a) List and Differentiate HTML Block and Inline Elements. 6 M  
b) Explain any five text formatting tags in HTML. Give an example. 6 M

OR

3. a) Explain the HTML Document Structure with example. 6 M  
b) Write a HTML code to navigate between two web pages using `<a href>` tag. 6 M

## UNIT – II

4. a) Write a java script code to handle onsubmit and onload events. 6 M
- b) What are the XML namespaces and how are they declared? 6 M

OR

5. What are operators? Explain operators in java script. 12 M

## UNIT-III

6. a) Illustrate the architecture of JDBC with example. 6 M
- b) Categorize the various types of Drivers? 6 M

OR

7. Develop a JDBC program to retrieve data from the database using the steps involve in the JDBC Program. 12 M

## UNIT – IV

8. a) Describe the lifecycle of servlet. 6 M
- b) Distinguish between doGet () and doPost () methods in Servlets. 6 M

OR

9. a) Illustrate the connection establishment of Database into servlets with suitable example. 8M
- b) Explain how HTTP request & responses can be handled? 4M

## UNIT – V

10. a) Discuss about sharing session and application data in JSP. 6 M

b) In JSP, explain how to display values using expressions to set an attribute? 6 M

OR

11. a) Explain database access with JSP. 8M

b) How to use Scripting Elements in JSP? Explain. 4M