

FACULTY OF ENGINEERING**B.E. V – Semester (AICTE) (CSE) (Main) Examination, July 2021****Subject: Web & Internet Technologies (Elective-II)****Time: 2 Hours****Max.Marks: 70****Note: Missing data, if any, may be suitably assumed****PART – A****Answer any five questions.****(5x2=10 Marks)**

1. What is web server? List of functions of web server.
2. List the differences HTML 4.x and HTML 5.
3. What is array in JavaScript give an example?
4. List methods of math and string objects in JavaScript.
5. What is namespace in XML?
6. Features of java enterprise edition.
7. Differences between java applet and java servlet.
8. Define session? List various session methods.
9. Draw and list the life cycle of JSP page.
10. List JSP implicit objects.

PART – B**Answer any four questions.****(4x15=60 Marks)**

11. a) Write a XHTML program to create student registration form and validate username should take alphanumeric values, password should take minimum four characters, phone number must take 8 digits only.
b) Describe functions of HTTP phases.
12. a) Discuss control and looping statements in Java Script with suitable Eg.
b) Discuss HTML DOM events in java script with example.
13. a) Explain XML schema with suitable example for DTD and XSD.
b) Explain different statement objects in JDBC with suitable examples.
14. a) Discuss servlet API With suitable code.
b) Discuss servlet Config object with example.
15. a) Explain the use of request and response objects in the communication between the browser and the web server in JSP.
b) Discuss JSP page directives and include directives with example.
16. a) Discuss XML processors in details.
b) Discuss HTML5 any five tags with example.
17. Write short notes on:
a) Tag Extensions of JSP
b) Discuss java.sql package
c) AJAX basic features