Hall Ticket Number:

IV/IV B.Tech (Regular/Supplementary) DEGREE EXAMINATION

November, 2019   **Electronics and Communication Engineering**
Seventh Semester   **Web Technologies**
Time: Three Hours   **Maximum : 60 Marks**

Answer Question No.1 compulsorily.   (1X12 = 12 Marks)

Answer ONE question from each unit.   (4X12=48 Marks)

1   Answer all questions   (1X12=12 Marks)
- a) Write the structure of HTML Program
- b) List the attributes in form tag.
- c) Define CSS.
- d) Why JavaScript is weak type language?
- e) Write a syntax for radial gradient style.
- f) How to create Document Object in JavaScript?
- g) How to represent the XML Document and give example.
- h) What are the different XSLT elements?
- i) Write the significance of XML schemas.
- j) What are the protocols used by AJAX?
- k) What is meant by asynchronous request?
- l) Using jQuery how would you hide the image when the user clicks it

UNIT I

2 a) With the neat block diagram explain the CSS Box Model.   6M
    b) Design a HTML form elements in detail.   6M
(OR)
3 a) Explain the frames and table tags of HTML with suitable example.   8M
    b) Briefly describe Colour gradients in CSS   4M

UNIT II

4 a) What is Java script? Write a Java script program to validate user details in a login page   6M
    b) Explain about JavaScript control structures.   6M
(OR)
5 a) Explain JavaScript mouse events with example.   6M
    b) Explain JavaScript pop-up dialog boxes.   6M

UNIT III

6 a) Explain the various types of XML schema data types and their applications.   6M
    b) Why is it important to specify a DTD for an XML document? Explain   6M
(OR)
7 a) Create a XML document to store voter ID, voter name, address and date of birth details. Create a DTD to validate the document.   6M
    b) Explain XML features in detail.   6M

UNIT IV

8 a) What are the advantages and disadvantages of Ajax? What are all the technologies used by Ajax? Explain.   8M
    b) Difference between synchronous and asynchronous AJAX application.   4M
(OR)
9 a) Explain about the object that helps AJAX reload parts of a web page without reloading the whole page.   6M
    b) What is method chaining in jQuery? provide an example   6M