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   6M
         DTD to validate the document.
    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?   8M
         Explain.
    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   6M
         reloading the whole page.
    b)   What is method chaining in jQuery? provide an example   6M