Hall Ticket Number:

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