QUESTION PAPER CODE- 56014

University Institute of Engineering & Technology

(Recognised Under Section 2(f) and 12B of UGC)

Kurukshetra University, Kurukshetra

Roll No. -

THEORY EXAMINATION – MAY, 2019		TIME – 3 Hrs.
B.TECH - CSE	SEMESTER - VI	M.M. - 75

PAPER–CSE 308	SUBJECT– WEB TECHNOLOGY

Note: All questions in Part-A and Part-B are compulsory. Attempt any four questions from Part-C selecting at least one from each unit.

PART-A (15 Marks)

Q. No. – 1 Answer the following questions. **15**

(i)	In what way the cohesive organization systems can be created?	2
(ii)	Recognize the various challenges which are involved in organizing Information?	2
(iii)	Explain the role of using conflict resolution in cascading style sheets.	2
(iv)	Differentiate between container and non-container tags in HTML5.	2
(v)	How the pattern matching is implemented in JavaScript?	2
(vi)	Write a program in JavaScript to implement Function.	2
(vii)	Is Python a procedure oriented language or object oriented language or both? Justify your answer.	3

PART-B (20 Marks)

UNIT-I		
2	What are the basic uses of Architectural Page Mockups in order to design well-organized information architecture?	5

UNIT-II		
3	Write HTML5 code to show how one vertical frame window and second vertical window is further split horizontally using nested frameset?	5

UNIT-III		
4	Write a program in JavaScript by using logical operators and string operators.	5

UNIT-IV		
5	Write a program in Python to implement the concepts of pass by reference and pass by value.	5

PART-C (40 Marks)

	UNIT-I	
6	Justify the roles of using breadth first search and depth first search for the effective implementation of information architecture and their design paradigms	10
7	Define navigation system. Discuss various types of navigation systems. What are the ways bywhich the cost effective and elegant navigation systems can be designed?	10

	UNIT-II	
8	Write a program in HTML5 for the following: (a) Canvas Element (b) Client and server side image map. (c) Add video and audio.	10
9	Write a program in HTML5 to print a paragraph with five sentences. Each sentence should consist of a different font family, font size and font color.	10

	UNIT-III	
10	What is JavaScript? Write a JavaScript program to input any positive number in a Text Box and display whether it is a prime number or not?	10
11	Write a program in JavaScript for the following: (a) To explain selection and repetition control structures. (b) To generate first 4750 random numbers.	10

	UNIT-IV	
12	Write a Python program for the following: (a) To create a dictionary using tuples (b) To convert a string to a long (c) To get all the values from the dictionary	10
13	Write a Python program for the following: (a) To define Built-In Class Attributes (b) To define Global vs. Local variables	10