Enrollment No: _____   Exam Seat No:_____

C.U.SHAH UNIVERSITY
Winter Examination-2018

Subject Name : Web Technology

Subject Code : 4TE07WTE1   **Branch: B.Tech (CE)**

Semester : 7   **Date : 06/12/2018**   **Time : 10:30 To 01:30**   **Marks : 70**

Instructions:
(1) Use of Programmable calculator & any other electronic instrument is prohibited.
(2) Instructions written on main answer book are strictly to be obeyed.
(3) Draw neat diagrams and figures (if necessary) at right places.
(4) Assume suitable data if needed.

___

Q-1 **Attempt the following questions:** **(14)**

a) HTML stands for? 1

b) By applying an _____ a style can be applied to just a single tag. 1
A) class rule
B) element rule
C) id rule
D) none of the mentioned

c) Which array function checks if the specified key exists in the array 1
A) array_key_exist()
B) array_key_exists()
C) array_keys_exists()
D) arrays_key_exists()

d) strlen() returns the length of the string on success and . . . . if the string is empty. 1
A) -1
B) NULL
C) Garbage value
D) 0

e) In PHP in order to access MySQL database you will use: 1
A) mysqlconnect() function
B) mysql-connect() function
C) mysql_connect() function
D) sql_connect() function

f) CSS Stands for ? 1

g) Which of the following attribute specifies whether or not a user is allowed to drag an element? 1
A)drag
B)content
C)context
D)draggable

h) What is the replacement for cookies in HTML5? 1

A) Web beacons
B) Java scripts
C) Local Storage
D) All the above

i) Which feature lets you create your own vocabularies beyond HTML5 and extend your web pages with custom semantics? 1
A) Geolocation
B) Canvas
C) Microdata
D) WebSocket

j) These new elements <svg> and 1
A) Graphic elements
B) Multimedia elements
C) Semantic elements
D) Control attributes

k) Abbreviate the term SVG. 1
A) Simple Velocity Graphics
B) Simple Vector Graph
C) Scalable Vector Graphics
D) System Vector Graphics

l) HTML5 features, include native audio and video support without the need for. 1
A) Flash
B) Canvas
C) Svg
D) None of the above

m) Which method cancels an ongoing watchPosition call? 1
A) getCurrentPosition()
B) watchPosition()
C) clearWatch()
D) None of the above

n) Which event is fired as the mouse is moved over an element when a drag is occuring. Much of the time, the operation that occurs during a listener will be the same as the dragenter event. 1
A) Dragleave
B) Dragover
C) Dragstart
D) Dragenter

Attempt any four questions from Q-2 to Q-8

Q-2		**Attempt all questions**	**(14)**
	(a)	What is HTML Web Storage? Explain window.localStorage and window.sessionStorage with example.	**7**
	(b)	What is Web browser? Draw and explain architecture of web browser.	**7**

Q-3		**Attempt all questions**	**(14)**
	(a)	Define CSS. Enlist and explain methods of using CSS in web page. Explain Box Model.	**7**
	(b)	What is an HTML form? Discuss the different form attributes and design a simple form to register for new semester.	**7**

Q-4		**Attempt all questions**	**(14)**
	(a)	Explain database connectivity in PHP with following example. Create a database called country and create table called city having fields (cityname, area, population) using PHP commands. Create an HTML form to get the city data and write a script to insert, delete and retrieve that data into the table.	**7**
	(b)	What is the importance of Session? Explain session with example.	**7**
Q-5		**Attempt all questions**	**(14)**
	(a)	Explain PHP String processing and string manipulation with example.	**7**
	(b)	What are the different types of arrays in PHP? Explain with example to process the arrays in PHP.	**7**
Q-6		**Attempt all questions**	**(14)**
	(a)	When should one use HTML? When should one use XHTML? Explain the way of converting an HTML document into XHTML.	**7**
	(b)	What is the importance of Cookie? Explain Cookie with example.	**7**
Q-7		**Attempt all questions**	**(14)**
	(a)	What is inheritance? Explain inheritance in PHP with example.	**7**
	(b)	Explain looping structure of PHP with example.	**7**
Q-8		**Attempt all questions**	**(14)**
	(a)	Write a PHP program to upload image. And also check file size should not greater than 30KB.	**7**
	(b)	Explain Transformation and Transition in CSS3 with proper example.	**7**