Enrollment No: _____   Exam Seat No:_____

C.U.SHAH UNIVERSITY
Summer Examination-2018

Subject Name: Open Source Web Development

Subject Code: 4CS03BOP2/4CS03IOP2   **Branch: B.C.A/B.Sc.I.T.**

Semester: 3   **Date: 28/03/2018**   **Time : 02:30 To 05:30**   **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)	Gd library is used for creating and manipulating of a) Images b) Networks c) Arrays d) None of them	1
b)	ImageColorAllocate ( ) function is used for a) Image creation b) Color allocation c) Color matching d) Color reset	1
c)	Which of them is an example of painting and filling function? a) ImageFill ( ) b) ImageFilledArc ( ) c) ImageFilledEllipse ( ) d) All of them	1
d)	Which of the following jQuery selector select elements whose css class is some-class? a) $('some-class') b) $('#some-class') c) $('.some-class') d) None of the above.	1
e)	Which of the following jQuery method returns a jQuery collection with the positioned parent of the first matched element? a) offset ( ) b) offset Parent( ) c) position( ) d) None of the above.	1
f)	Which built-in method removes the last element from an array and returns that element? a) last () b) get () c) pop () d) None of the above.	1
g)	Which one of the following statements is used to create a table? a) CREATE TABLE table_name (column_name column type); b) CREATE table_name (column_type column_name); c) CREATE table_name (column_name column_type); d) CREATE TABLE table_name (column_type column_name);	1
h)	Which jQuery method is used to hide selected elements? a) hidden() b) hide() c) visible(false) d) display(none)	1
i)	jQuery method to set one or more style properties for selected elements a) style() b) css() c) html() d) dhtml	1
j)	jQuery method is used to perform an asynchronous HTTP request a) jQuery.ajaxAsync() b) jQuery.ajaxSetup() c) jQuery.ajax() d) None of the above	1

k)	Which one of the following methods can be used to diagnose and display information about a MySQL connection error? a) connect_errno() b) connect_error() c) mysqli_connect_errno() d) mysqli_connect_error()	1
l)	What is the file extension of JSON? a) .jn b) .js c) .jsn d) .json	1
m)	In modern websites what is the common usage for JSON? a) To store information remotely. b) To send and receive bits of data. c) To store information locally. d) To delete information locally.	1
n)	In model-view-controller (MVC) architecture, view corresponds to the a) Interface layer b) Data-access layer c) Domain object layer d) Business-logic layer	1

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

Q-2		**Attempt all questions**	**(14)**
	a.	Explain Jquery filtering and Jquery load () with example.	**7**
	b.	Explain imagearc() and imagefilledarc() with example.	**7**
Q-3		**Attempt all questions**	**(14)**
	a.	What Is The Use Of "clone" Method In Jquery? Describe.	**5**
	b.	Write a script of AJAX live search.	**5**
	c.	Explain template variables in smarty.	**4**
Q-4		**Attempt all questions**	**(14)**
	a.	Explain the four parameters used for jQuery Ajax method?	**5**
	b.	What is AJAX? Explain AJAX Request and Response with examples.	**5**
	c.	What are the different ready states of a request in AJAX?	**4**
Q-5		**Attempt all questions**	**(14)**
	a.	Explain any five MySQL Functions with Syntax.	**5**
	b.	Explain Jquery ancestors and Jquery descendants with example.	**5**
	c.	Explain output () in pdf creation with example.	**4**
Q-6		**Attempt all questions**	**(14)**
	a.	Explain variable modifiers in smarty with examples.	**7**
	b.	Explain JSON schema with suitable example.	**7**
Q-7		**Attempt all questions**	**(14)**
	a.	Explain XMLHttpRequest object with its properties and methods.	**5**
	b.	Explain smarty build in functions with example.	**5**
	c.	Explain JSON Data types.	**4**
Q-8		**Attempt all questions**	**(14)**
	a.	Write a mysqli program to display the records of Employee database having emp table with fields empno, empname, address, mobile, doj, sal in tabular format.	**5**
	b.	Explain Jquery selectors with example.	**5**
	c.	Mention the advantages and disadvantages of MVC model	**4**