Enrollment No: _____   Exam Seat No:_____

C.U.SHAH UNIVERSITY
Winter Examination – 2018

Subject Name: Website Framework
Subject Code: 4CS05BWF1   **Branch: B.C.A.**
Semester: 5   **Date: 26/11/2018**   **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) Which method is used to upload a file in Codeigniter framework?

b) Define the term: MVC.

c) Define: "CodeIgniter is light weight framework"

d) List the resources that can be auto loaded in Codeigniter.

e) What is CI_Model?

f) Define term: XSS Filtering.

g) List out any five helper available in Codeigniter.

h) Define the method: validation_errors()

i) How can you load a view in Codeigniter?

j) Give full form of CMS.

k) List types of user's access levels in Joomla framework.

l) Which editor is used in Joomla?

m) Define the term: article.

n) What is the use of mass emailing in Joomla?

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

Q-2   **Attempt all questions:**
(1) Explain CodeIgniter application flow chart.   **(5)**
(2) Define: models. How to create model class and load model class?   **(5)**
(3) Explain statement "CodeIgniter uses the MVC approach".   **(4)**

Q-3   **Attempt all questions:**
(1) Explain about characteristics of codeigniter framework.   **(5)**

	(2)	Describe directory structure of codeigniter framework.	**(5)**
	(3)	Write features of codeigniter framework.	**(4)**

Q-4   **Attempt all questions:**

	(1)	What is helper? Explain about download helper with its methods.	**(5)**
	(2)	What is session in codeigniter? How to read, write or remove session in CI?	**(5)**
	(3)	Write a short note on database configuration in codeigniter.	**(4)**

Q-5   **Attempt all questions:**

	(1)	Explain about article manager in Joomla framework?	**(5)**
	(2)	List out the admin interfaces in Joomla framework. Explain any two interfaces.	**(5)**
	(3)	Explain about features of Joomla framework.	**(4)**

Q-6   **Attempt all questions:**

	(1)	Explain about advantages and disadvantages of Joomla framework.	**(5)**
	(2)	Describe about the user manager in Joomla framework.	**(5)**
	(3)	Write short note on creating and managing menus in Joomla framework.	**(4)**

Q-7   **Attempt all questions:**

(1) Define the methods: **(5)**
         (1) $this->db->get()   (2) $this->db->delete()
         (3) $this->db->empty_table()   (4) $this->db->truncate()
         (5) $this->db->select()

	(2)	Describe about active record class.	**(5)**
	(3)	Explain: result(), result_array(), row() and row_array() functions.	**(4)**

Q-8   **Attempt all questions:**

(1) Write a php script in codeigniter for inserting record into employee table. **(7)**
         [Table: Employee (Fields: eno, ename, dept, address, city, email, mobile)]

(2) Write a php script for file upload from client to server as defined file validation: **(7)**
         (File extension: pdf, jpg, gif, bmp, file size should not more than 20 KB)