Enrollment No: _____ Exam Seat No:_____

C.U.SHAH UNIVERSITY

Summer Examination-2022

Subject Name: Website Framework

Subject Code: 4CS06IWF1 **Branch: B.Sc.I.T.**

Semester: 6 **Date: 02/05/2022** **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) MVC stands for _____.
b) Define: CodeIgniter framework.
c) What is helper?
d) Define: $this->load->library().
e) Business logic is present in _____.
f) Define the function: $this->db->get().
g) Which statement is used to load manually connecting to a database?
h) Define the function: $this->db->insert().
i) Define the function: $this->session->sess_destroy().
j) Define: Joomla framework.
k) CMS stands for _____
l) How to load form_validationclass ?
m) What is article?
n) Which function is used to insert record in database in CodeIgniter?

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

Q-2 **Attempt all questions** **(14)**

a) Explain CodeIgniter application flow chart. **(5)**
b) What is controller? Explain how to create and call a controller. **(5)**
c) What is model? Explain creating and loading model. **(4)**

Q-3 **Attempt all questions** **(14)**

a) Explain directory structure of CodeIgniter. **(7)**
b) Explain loader class with any five methods. **(7)**

Q-4		**Attempt all questions**	**(14)**
	a)	Explain running queries using array version and object version.	**(7)**
	b)	What is Form validation class? Explain any seven validation rules.	**(7)**
Q-5		**Attempt all questions**	**(14)**
	a)	What is File uploading class? Explain methods of File uploading class.	**(7)**
	b)	What is Session? Explain session management in detail.	**(7)**
Q-6		**Attempt all questions**	**(14)**
	a)	What is Input class? Explain methods of input class.	**(7)**
	b)	Explain generating Query Results functions with suitable example.	**(7)**
Q-7		**Attempt all questions**	**(14)**
	a)	Explain managing users in joomla.	**(7)**
	b)	Explain working with articles in joomla.	**(7)**
Q-8		**Attempt all questions**	**(14)**
	a)	Explain features of joomla framework.	**(7)**
	b)	Explain advantages and disadvantages of joomla framework.	**(7)**