

C. U. SHAH UNIVERSITY

Summer Examination- 2018

Subject Name: **Website Frameworks-I**Subject Code: **5CS02WWF1**Branch: **M.Sc.I.T. (WebTech)**Semester: **2**Date: **02/05/2018**Time: **10:30 To 01:30**Marks: **70****Instructions:**

- (1) Use of Programmable calculator and 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.

SECTION-I**Q. 1 Answer the following.**

- | | |
|---|-----------|
| a) What is use of Zend front controller? | 02 |
| b) How to use or add libraries in CodeIgniter? | 02 |
| c) How to unset session in CodeIgniter? | 02 |
| d) Which of the following is not a component of Zend framework?
Zend Framework provides three most important components, which are – | |
| (1) zend-servicemanager (2) zend-eventmanager | 01 |
| (3) zend-modulemanager (4) zend-webmanager | |

Q. 2 Attempt all questions.

- | | |
|--|-----------|
| a) Write the reasons of what makes CodeIgniter a smart framework to adopt and use. | 07 |
| b) Explain what is Model-View-Controller? Mention what does Model-View-Controller represent in an MVC application? | 07 |

OR**Q. 2 Attempt all questions.**

- | | |
|---|-----------|
| a) Explain Automatic and Manual Connecting to a Database in CodeIgniter. Also write the Script code for Inserting and Updating a Record. | 07 |
| b) Explain functions of CodeIgniter session library by example: Initializing a Session, Add Session Data, Remove Session Data and Fetch Session Data. | 07 |

Q. 3 Attempt all questions.

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|--|-----------|
| a) Write note on features of Zend framework. | 07 |
| b) Explain how to validate form input in Zend framework. | 07 |

OR**Q. 3 Attempt all questions.**

- | | |
|--|-----------|
| a) Write note database access methods: Zend_Db, Zend_Db_Table and Zend_Db_Table_Row. | 07 |
| b) Explain Zend project folder structure. | 07 |



SECTION-II

Q. 4 Answer the following.

- a) Differentiate between Mage::getSingleton() and Mage::getModel() in Magento **02**
- b) Enlist any two different version of Magento. **02**
- c) Which technologies uses by Magento for database and web server scriptin language? **02**
- d) How you will load an model in codeigniter? **01**

Q. 5 Attempt all questions.

- a) What is Magento? Explain about the Modules of Magento. **07**
- b) What is MVC structure in Magento? Write note on benefit of namespace in Magento. **07**

OR

Q. 5 Attempt all questions.

- a) What are attributes in Magento? Write the steps to create own attributes. **07**
- b) Write detail note on how to improve Magento performance. **07**

Q. 6 Attempt all questions.

- a) Explain: Codeigniter File Structure. **07**
- b) Write script code for below using Zend framework: **07**
(1) Creating Input Form (2) Inputting Data to Database

OR

Q. 6 Attempt all questions.

- a) Create two view files using CodeIgniter as described below: **07**
 - 1) Page will display form where user can submit his name and we will validate this page to ensure that it should not be empty while submitting.
 - 2) Create a view file formsuccess.php. This page will be displayed if the form is validated successfully.
- b) Explain in detail: How to create Magento custom module. **07**

