Shree Manibhai Virani and Smt. Navalben Virani Science College (Autonomous), Rajkot

Affiliated to Saurashtra University, Rajkot

SEMESTER END EXAMINATION APRIL -2019

Bachelor of Computer Application / B.Sc. Information Technology

16UCADC05 / 16UITDC05 – MVC DESIGN PATTERN IN PHP

Duration of Exam – 3 hrs *Semester – VI* *Max. Marks – 70*

Part A *(10X1= 10 marks)*
Answer **ALL** questions

1. PHP recognizes constructor by the name_____

2. Which method is used to tweak an object's cloning behavior?

3. Which php library is required to modify images?

4. How to add / link CSS / JavaScript file from a view in CI?

5. Write full form of XSS.

6. Which function is used to check whether file is writeable or not?

7. Which function is used to check website is running on HTTPS or not?

8. How to load model in controller?

9. Write full form of HMVC.

10. After implementation of HMVC, in which folder we can create controllers, models and views?

Part B *(5X5= 25 marks)*
Answer **ALL** questions

11a. Explain member function and member variable in php.

OR

11b. Explain Application Flow Chart In Codeigniter?

12a. Explain any 4 methods of security helper.

OR

12b. Explain any 4 methods of date helper.

13a. Write a php program to upload file in Codeigniter.(only jpg will be allow to upload)

OR

13b. Write a php program to send mail using Codeigniter.

14a. Explain $this->db->set() , $this->db->where() and $this->db->update() methods with example.

OR

14b. Explain $this->db->get() , $this->db->get_where() and $this->db->select() with example.

15a. What is Modular HMVC, why should I use it? Explain.

OR

15b. What are controller, model and views? Explain in detail.

Answer **ALL** questions

16a. Explain types Inheritance in PHP with appropriate example.

OR

16b. Explain any three Magic Constant and any three Magic Method in PHP with example.

17a. What Is Helper In Codeigniter? Explain URL helper with its methods with example.

OR

17b. Explain form_open(), form_close(),form_open_multipart() and form_input() with example.

18a. What is Sessions In Codeigniter? How to read, write or remove session in Codeigniter?

OR

18b. Explain form validation in Codeigniter and list any six form validation rules with example.

19a. Explain $this->db->limit(),$this->db->insert(),$query->result(),$query->result_array(),$this->db->last_query() with example.

OR

19b. Write a php program using Codeigniter to display data in table format with delete button / link. When user click on delete button that related record should be deleted.

Field name	type
id	Int AI, PK
fname	varchar(50)
lname	varchar(50)

20a. Explain : Modular Extensions in detail and HMVC installation steps

OR

20b. Explain Codeigniter Directory Structure in details and Basic URL Structure.

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