

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER- III EXAMINATION – SUMMER 2017

Subject Code:3630010**Date: 09-06-2017****Subject Name: Programming with Linux, Apache, MySQL, and PHP (LAMP)****Time: 02:30 pm - 05:00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a)** Answer the Following.(Any Seven) **07**
1. What is the use of isset() Function.
 2. How can we destroy the Cookie?
 3. How would you break up a delimited string into an array of substrings?
 4. Which predefined variable do you use to find the name of the script?
 5. What are the five arguments used by the mail() function?
 6. What function do you use to find out whether a file is present on your file system?
 7. How do you formulate a string comparison using LIKE to match first names of John or Joseph?
 8. What are two advantages of using stored procedures?
 9. Which PHP function retrieves the text of a MySQL error message?
- (b)** What is open source? Explain importance of PHP, MySQL and Apache web server. **07**
- Q.2 (a)** Explain the Following Difference. **02**
- (1) GET & POST. **03**
 - (2) Static variable & Global variable. **02**
 - (3) Numeric & Associative Array. **03**
- (b)** (1)Write PHP code to sort array of five cities in ascending order. **04**
- (2) Explain following functions with example(Any Two) **04**
1. str_replace().
 2. getdate().
 3. strcmp()
- OR**
- (b)** Explain with example how user defined functions used in php? **07**
- Q.3 (a)** What is JavaScript? How external JavaScript File Linking and what are the benefits of External file? **07**
- (b)** What is importance of form validation? Explain with example how to validate form in PHP. **07**
- OR**
- Q.3 (a)** Write PHP Script Validate Email-id and Mobile Number. **07**
- (b)** Write PHP Script for Sending Mail. **07**
- Q.4 (a)** (1) Explain following functions with Example.(Any Two) **04**
1. CONCAT_WS().
 2. SUBSTRING().
 3. DATE_ADD().
- (2) What is Join? Explain type of Join In Mysql. **03**
- (b)** Explain Following Different. **03**
1. Delete Versus Drop **03**
 2. MySQL Versus MySQLi **04**

OR

- Q.4** (a) What are Transaction? Explain Basic Syntax used in Transaction. **07**
(b) 1. Explain following functions with Example.(Any Two). **04**
 1. mysqli_connect_error()
 2. mysqli_query().
 3. mysqli_rollback()
2. Explain SQL injection. **03**
- Q.5** (a) What is a cookie? Explain with example how to create and delete cookie in PHP. **07**
(b) Write PHP Script for Validating File. **07**
- OR**
- Q.5** (a) Explain how to create image From User Input. Explain with Example. **07**
(b) How to create object in JSON? Explain with Example. **07**
