

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA– SEMESTER –III EXAMINATION –SUMMER-2019

Subject Code:3630010

Date: 27-05-2019

Subject Name: Programming with Linux, Apache, MySQL, and PHP

Time:02.30 pm to 5.00 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 questions: **07**
1. What is the use of isset() Function
 2. Explain the meaning of “php is loosely typed”.
 3. What is use of unlink() in PHP?
 4. How can we destroy the Cookie?
 5. How to convert a delimited string into an Array?
 6. Which PHP function retrieves the text of a MySQL error message?
 7. What is open source?
- (b)** Answer the Following Questions:
1. Differentiate between GET and POST methods. **02**
 2. What is the difference of changing a data type with settype() and by casting? **02**
 3. Explain foreach(), each() and list() with example. **03**
- Q.2 (a)** How to combine HTML and PHP code on single page, explain in brief? **07**
- (b)** Explain validating form fields using javascript. **07**
- OR**
- (b)** What is an associative array in PHP? Explain by writing a PHP code to store and retrieve employee detail (Pan_No, Name, B_Date) in ascending order from an array. **07**
- Q.3 (a)** What is JavaScript? How external JavaScript File is linked with PHP code and what are the benefits of using external file? **07**
- (b)** Explain in brief how to use hidden fields in PHP form with example? **07**
- OR**
- Q.3 (a)** What are the different control loops in PHP? Explain them with example. **07**
- (b)** Explain in brief about stored procedures and transactions in MySQL? **07**
- Q.4 (a)** What are the different data types supported in MySQL? **07**
- (b)** Explain all FILE related functions in PHP. **07**
- OR**
- Q.4 (a)** Write a PHP script that will display the details of all students stored in a STUDENT database (MySQL) table called Stud_Detail. **07**
- (b)** Explain different functions for working with Directory in PHP. **07**
- Q.5 (a)** What is a COOKIE and SESSION? Differentiate them and explain their use with example. **07**
- (b)** What is JSON? Explain its syntax and write an example for different data types supported by JSON. **07**
- OR**
- Q.5 (a)** Explain the steps to create an Image in PHP. How to use the created image in another PHP file? Also explain that how an existing Image can be modified? **07**
- (b)** Explain encode and decode functions of JSON to work with PHP. Take appropriate example. **07**