

Seat No.: _____

Enrolment No. _____

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

Subject Code: 3630010

Date: 06-01-2018

Subject Name: Programming with Linux, Apache, MySQL, and PHP (LAMP)

Time: 10:30 am to 1:00 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) What is common usage of PHP? In how many ways we can embed PHP code in an HTML page? What do you understand by word “Open Source”? **07**
- (b) What are common rules to write variable? With suitable example explain scope of the variable. **07**

- Q.2** (a) What is the use of php.ini file? Which basic component we need to install for developing & running PHP Web pages? **07**
- (b) List types of operators? With suitable example write a note on operator precedence. **07**

OR

- (b) What are different types of operators? With suitable example explain logical operators. **07**

- Q.3** (a) What are each () & list () functions? Create a multi dimensional array of zones by courses they offered. The courses can be diploma, degree, masters, medical, pharmacy & so on. Each array element should be an array containing college names such as zone 1, zone 2, zone 3 & so on. Display each zone & its associative courses. **07**
- (b) Differentiate between variable & constant. Write a note on any four php superglobals. **07**

OR

- Q.3** (a) Differentiate between require () & require_once()? Write a scenario where we can use include () & include_once () (write example)? **07**
- (b) With suitable example, explain the use of mysqli_connect, mysqli_error, mysqli_num_rows, and mysqli_query functions? **07**

- Q.4** (a) Write a php script to validate email using substring? **07**
- (b) Create a script that uses session functions to remember user id & password till the time user become ideal? (Use proper time stamp). **07**

OR

- Q.4** (a) With suitable file control, generate a form which accepts user first name & last name. Save the input data to file. Read the data from the file. Print a total number of lines into browser? **07**
- (b) What are different file functions? Write a script for file functions which are essential to perform file operations? **07**

- Q.5** (a) What is usefulness of Java script? With appropriate example explain JSON with php? **07**
- (b) Use appropriate form control to generate given form. (*Fig Q.5(b)) **07**

OR

- Q.5** (a) Use appropriate form control to generate given form. (*Fig Q.5(a)) **07**

- (b) How can we continue loop with skipping the iteration? With suitable example, write a code for nesting loop. **07**

Q.5) b)*

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* required field.

* You must agree to terms

Name: *

E-mail: *

Time:

Classes:

Gender: ☐ Female ☐ Male *

Select:

Agree ☐

OR

Q.5 a)*

Absence Request Form

Name:

E-mail:

Address:

Position:

Department:

Reason For Absence? ☐ Floating Holiday
☐ Vacation
☐ Sick Leave
☐ FMLA
☐ Other:

Dates of Absence: to

Total Days Absent:

☐ With Pay
☐ Without Pay

Comments: