Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER–III EXAMINATION – WINTER - 2016

Subject Code:3630010   **Date:09/01/2017**
Subject Name: Programming with Linux, Apache, MySQL, and PHP (LAMP)
Time:10.30 AM TO 01.00 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 any seven	**07**
		1) What is use of foreach sttement?	
		2) What is use of unlink() in PHP?	
		3) What do you mean by open source?	
		4) How will you modify session variable?	
		5) What do you mean by variable function?	
		6) Explain in reference to MySql BIGINT data type?	
		7) How to see all the tables from a database of mysql server?	
		8) Explain formal and actual parameter?	
	(b)	Answer any seven	**07**
		1) Compare GET and POST.	
		2) Difference between var_dump() and print_r().	
		3) Write difference between echo() and print() statement.	
		4) Explain the term 'Die'?	
		5) Write a javascript to print "hello world"?	
		6) What is difference between $message and $$message?	
		7) How to write comment in PHP?	
		8) Explain $_request using example.	
Q.2	**(a)**	How to combine HTML and PHP code on single page, explain in brief?	**07**
	(b)	Mention and explain steps to install PHP in windows and Apache server.	**07**
		OR	
	(b)	Explain in brief validating form fields using javascript?	**07**
Q.3	**(a)**	(1) Discuss in brief how to handle array in PHP?	**03**
		(2) Explain in brief about stored procedures in MySQL?	**04**
	(b)	Explain PHP array functions with appropriate example.	**07**
		OR	
Q.3	**(a)**	(1) Explain in brief how to use hidden fields in PHP form with example?	**04**
		(2) Explain in brief redirecting the user?	**03**
	(b)	What are the different control loops in PHP? Explain them with example.	**07**
Q.4	**(a)**	Explain in brief different data type of table in MySQL?	**07**
	(b)	Explain in detail with example working with directories?	**07**
		OR	
Q.4	**(a)**	Write a script which show interaction among PHP and MySql.	**07**
	(b)	Explain in detail reading from files in PHP?	**07**
Q.5	**(a)**	Explain in brief how pie chart can be drawn in PHP?	**07**
	(b)	What is JSON? Explain in brief its syntax and data types?	**07**
		OR	

Q.5 **(a)** Explain in brief with example the concept of cookies in PHP. **07**

(b) Explain in brief with example serializing into JSON and Parsing JSON. **07**

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