Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED - SEMESTER–V • EXAMINATION – SUMMER - 2016

Subject Code: 4450602   **Date: 13/05/2016**
Subject Name: Web Development Tools
Time: 10:30am to 01:00pm   **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)** **Explain Following Functions:**   **07**
a) date()
b) ceil()
c) fmod()
d) rand()
e) echo()
f) strstr()
g) rename()

(b) **Differentiate the followings:**
a) mysql_fetch_array() VS mysql_num_rows()   **03**
b) strpos() VS strrpos()   **02**
c) fgetc() VS fgets()   **02**

Q.2 **(a)** **Database Name:** emp_db
Table Name: employee

Field Name	Size	Value	Type
Emp_No (Primary Key)	Number(10)	1….10	TextBox
Emp_Photo	BLOB	---	---
Emp_Name	Varchar2(20)	Abc, Xyz, …	TextBox
Emp_Gender	Varchar2(10)	Male, Female	Radio Button
Emp_Salary	Number(10)	1….10	TextBox
Emp_City	Varchar2(20)	Abc, Xyz, …	ComboBox

Perform Following Database Operation:
- Validations (all fields are compulsory)   **02**
- HTML form file   **01**
- Insert record   **02**
- Delete record   **02**

(b) WAP that takes Voting Poll from user and stores the details in text file and display the same result graphically on webpage as an output using AJAX.   **07**
OR
(b) What is PHP Filter? Why to use Filter? Explain types of Filter with example.   **07**

Q.3 **(a)** What is JQuery? Why JQuery requires? Explain its features with example.   **07**
(b) What is AJAX? How AJAX works? Explain with example.   **07**
OR
Q.3 **(a)** Explain datepicker() and tooltip() with example.   **07**
(b) What is Session? Explain it with example.   **07**

Q.4 **(a)** Explain Server Variables in detail.   **07**
(b) What is Function? Explain types of PHP with example.   **07**

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OR

Q.4	**(a)**	What is Cookie? Explain it with example.	**07**
	(b)	What is an Exception? Explain types of Exception in detail with example.	**07**
Q.5	**(a)**	1. WAP to Check Digit 0(ZERO) is an integer number or not using PHP Filter.	**03**
		2. WAP to Draw Pie Chart using GD Functions.	**04**
	(b)	Explain any 7 mysql functions with example.	**07**

OR

Q.5	**(a)**	1. WAP to create a Progress Bar using JQuery.	**04**
		2. What is PHP filter? Why to use filter? Explain types of filter with example.	**03**
	(b)	What is PHP GD? Explain any 5 functions in detail with example.	**07**

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