GUJARAT TECHNOLOGICAL UNIVERSITY
MCA Integrated – SEMESTER-V • EXAMINATION – WINTER 2015

Subject Code: 4450602   **Date: 02/12/2015**
Subject Name: Web Development Tools
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)**	Explains the superglobals variable in PHP with an example.	**07**
	(b)	Answer the following:-	
		(i) Explain php.ini.	**02**
		(ii) Explain any three array functions of PHP.	**03**
		(iii) How can we change data type in PHP? Explain with an example.	**02**
Q.2	**(a)**	Write a PHP program to send a mail on form submission. Also mention the setting of php.ini file.	**07**
	(b)	Explain any seven functions of file with an example.	**07**
		OR	
	(b)	Explain all the functions of directory with an example.	**07**
Q.3	**(a)**	Answer the following:-	
		(i) Explain term inheritance in PHP with an example.	**03**
		(ii) Explain Date and Time functions.	**04**
	(b)	Explain insert, update, delete and select query with proper example.	**07**
		OR	
Q.3	**(a)**	Explain available data types in MySQL.	**07**
	(b)	Answer the following:-	
		(i) Explain printf() function and its type specifier.	**03**
		(ii) How will you create class and object in PHP? Explain with an example.	**04**
Q.4	**(a)**	Explain any seven function of String.	**07**
	(b)	Explain AJAX Web Application Model.	**07**
		OR	
Q.4	**(a)**	Answer the following:-	
		(i) What is session? Explain creating and deleting functions of session.	**04**
		(ii) What is cookie? Explain creating and destroying cookie by example.	**03**
	(b)	Explain the Selectors supported by jQuery.	**07**
Q.5	**(a)**	Explain jQuery Events.	**07**
	(b)	Answer the following:-	
		(i) Explain flock() function.	**04**
		(ii) Write a PHP program to create rectangle image.	**03**
		OR	
Q.5	**(a)**	List methods of drawing Shapes and Lines and explain with an example.	**07**
	(b)	Write a PHP program to change text on onclick event of button using AJAX.	**07**

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