Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED – SEMESTER – V • EXAMINATION – SUMMER - 2017

Subject Code: 4450602   **Date: 01/05/2017**
Subject Name: Web Development Tools
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)**	Explain Following Functions:	**07**
		1. abs()	
		2. ceil()	
		3. floor()	
		4. sqrt()	
		5. fmod()	
		6. rand()	
		7. pow()	
	(b)	Differentiate following terms:	
		1. print() v/s echo()	**03**
		2. strstr() v/s stristr()	**02**
		3. strpos() v/s strrpos()	**02**
Q.2	**(a)**	Define PHP. Explain Advantages of PHP in detail.	**07**
	(b)	Define Cookie. Explain Cookie with suitable example.	**07**
		OR	
	(b)	What is AJAX? How AJAX works? Explain with an example.	**07**
Q.3	**(a)**	Define Session. Explain Session with suitable example.	**07**
	(b)	Explain any 7 array function in detail with relevant example.	**07**
		OR	
Q.3	**(a)**	State JQuery. Illustrate features of JQuery with an example.	**07**
	(b)	Write a note on php.ini file.	**07**
Q.4	**(a)**	Explain usage of Server Variable with an example.	**07**
	(b)	Explain Conditional and Looping Structure with example.	**07**
		OR	
Q.4	**(a)**	Write an application that takes Feedback from user and stores the details in text file and display the same result graphically on webpage as an output using AJAX.	**07**
	(b)	1. WAP to check whether specified password is strong or not.	**03**
		2. WAP to append data in text file using file functions in PHP.	**04**
Q.5	**(a)**	Explain any 7 mysql function in detail with relevant example.	**07**
	(b)	What is an Exception? Explain types of Exception in detail with example.	**07**
		OR	
Q.5	**(a)**	WAP to validate Alphabetic, Numeric, URL and Email validations on specified fields.	**07**
	(b)	Explain progressbar and accordion with relevant example.	**07**

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