

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**
