

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER-III • EXAMINATION – SUMMER 2017

Subject Code: 3630007

Date: 07-06-2017

Subject Name: Dynamic HTML

Time: 02:30 pm - 05:00 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 the general structure of HTML Program and explain the use of following tags : **07**
1) <a>
2)
3) <frameset>
- (b)** Design HTML page to display a simple college time table using HTML tags and attributes and display the output of the program **07**
- Q.2 (a)** Explain the primitive data types in JavaScript and design a HTML page using JavaScript to print the the current date and time in the following format: **07**
eg : Todays Date = 06/01/2017 Hours 11 Minutes 05
- (b)** What are Cookies? Write a JavaScript to demonstrate the use of Cookies using JavaScript functions. **07**
- OR**
- (b)** Explain the following JavaScript Array methods **07**
1) pop()
2) push()
3) shift()
- Q.3 (a)** Write a code which demonstrates the use of Inline, External as well as Internal Style Sheet. **07**
- (b)** List and explain any four paragraph forming styles used in CSS **07**
- OR**
- Q.3 (a)** Discuss the various font properties available in CSS **07**
- (b)** List out the advantages of using the Bootstrap Framework. **07**
- Q.4 (a)** Explain AJAX web application model in brief. **07**
- (b)** Explain any three Events and Effects in jQuery **07**
- OR**
- Q.4 (a)** Write the code for creating a user registration form using AJAX and PHP **07**
With a program with the help of XMLHttpRequest object to demonstrate
- (b)** updating a web page, without reloading the whole page. **07**
- Q.5 (a)** Explain any four jQuery selectors with examples **07**
- (b)** State the advantage of using call back function with example. **07**
- OR**
- Q.5 (a)** Discuss the different data types used in JSON **07**
- (b)** Write a note on JSON Objects. **07**
