

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER– III • EXAMINATION – WINTER - 2017

Subject Code: 3630007

Date: 04-01-2018

Subject Name: Dynamic HTML

Time: 10:30 am to 01:00 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) Give uses of following HTML tags. **07**

- a. <!DOCTYPE html>
- b.
- c. <STYLE>
- d. <TABLE>
- e. <INPUT TYPE="NUMBER">
- f. <INPUT TYPE="RANGE">
- g. <SCRIPT>

(b) Write a HTML Code for the following HTML TABLE. **07**

| | | | |
|---|---|---|---|
| A | B | C | |
| D | E | F | G |
| | H | I | |
| J | K | | |

Q.2 (a) Explain any three JavaScript Array methods with syntax and example. **07**

(b) Explain DATE and STRING object of JavaScript. **07**

OR

(b) What is AJAX? Explain AJAX Web Application Model with Diagram. **07**

Q.3 (a) Differentiate between HTML and DHTML. **07**

(b) List and explain any four XMLHttpRequest Methods. **07**

OR

Q.3 (a) Explain types of selectors available in CSS with example. **07**

(b) Explain events of jQuery. **07**

Q.4 (a) Explain any four jQuery selectors with example. **07**

(b) I. What is JSON? How can we parse JSON? **04**

II. How can we serialize JavaScript objects into JSON? **03**

OR

Q.4 (a) List and explain any three paragraph formatting styles used in CSS. **07**

(b) Explain XMLHttpRequest Properties. **07**

Q.5 (a) Explain following HTML semantic elements. **07**

- a. <HEADER>
- b. <ASIDE>
- c. <NAV>
- d. <ARTICLE>

(b) I. Write down the syntax for loading jQuery file into your HTML. **03**

II. Describe various types to insert CSS in HTML page. **04**

OR

Q.5 (a) I. Write a JavaScript code to compute area of circle. **04**

II. Write a JavaScript code to find factorial of given number. **03**

(b) What is Canvas? Draw any three shapes using Canvas tag. **07**
