

Reg. No.



**Manipal Institute of Technology**  
(A Constituent Institute of Manipal University)



**II SEMESTER M. C. A.**  
**MAKE-UP EXAMINATION – JUNE/JULY 2016**

**SUBJECT: WEB PROGRAMMING [MCA-4203]**

**02-07-2016**

Time : 3 hours

Max. Marks : 50

**Instructions to Candidates**

1. Answer ANY FIVE FULL questions.
2. Missing data may be suitably assumed.

- 1A Write a HTML page to display the following with CSS components in an external document..
- i. Divide the application page into two horizontal sections.
  - ii. The first horizontal section should display five image icons without border.
  - iii. When the image icon is clicked, it should be displayed on the second section with 700 \* 500 pixels dimension. Change the border color of the clicked image icon to yellow.
- 1B Explain any six HTML text formatting tags with example.
- 1C What is query string in a URL? Write an example.
- (5 + 3 + 2)
- 2A Explain the CSS box model.
- 2B Differentiate between the GET and the POST methods in HTML form.
- 2C What is CSS transformation?
- (5 + 3 + 2)
- 3A Write an HTML document to get user-name, password and email input from the user and validate it for the following condition.
- i. User-name should be a uppercase alphabet
  - ii. Password should be seven alphanumeric characters
  - iii. Local part of the email id should be alphanumeric and may include - or \$ followed by @manipal followed by .edu or .org
- 3B Write an example to define source file for HTML image element using absolute and relative path definition. As a web designer which of these path definition you would chose and why?

3C List out the components of three-tier web architecture.

(5 + 3 + 2)

4A Write a web page which includes a map and display the related information when a hot spot is clicked in the map. Define two clickable hot spot circle and rectangle respectively.

4B How is error handled in JavaScript?

4C Write a JavaScript to display all the cookies in a browser.

(5 + 3 + 2)

5A Write a XML document, which contains five users information. Implement a program, which takes User Id as an input and returns the user details from the XML document.

5B How does AJAX send asynchronous request to the server?

5C How is XML extensible?

(5 + 3 + 2)

6A Write a PHP application to get employee information with fields name, D.o.B, E-mail, phone number and password. Store the details in MySQL server database table.

6B Write a PHP program to store current date-time in a COOKIE and display the 'Last visited on' date-time on the web page upon reopening of the same page.

6C What scope of a session in PHP.

(5 + 3 + 2)