

Reg. No.



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



**II SEMESTER M. C. A.**  
**END SEMESTER EXAMINATION – MAY 2016**

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

10-05-2016

Time : 3 hours

Max. Marks : 50

**Instructions to Candidates**

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

- 1A Create a web page having horizontal navigation menu bar using unordered list. Use CSS to remove item marker. Define CSS components as an external document.
- 1B Explain working of inter page and intra page navigation using HTML anchor tag.
- 1C Write a HTML page which reloads itself after every X seconds.  
(5 + 3 + 2)
- 2A Write a HTML page for free-hand drawing using HTML canvas.
- 2B Write a HTML document to depict a lunar eclipse using CSS animation.
- 2C List out the differences between CSS attributes display and visibility.  
(5 + 3 + 2)
- 3A Explain position and z-index style attributes in CSS.
- 3B Explain different selector-based CSS definitions with an example each.
- 3C Write a HTML page to display two paragraphs. When mouse cursor is moved on a paragraph swap the contents and style of the paragraphs.  
(5 + 3 + 2)
- 4A Write a HTML form to input job application details. Provide form to input name, email, password, nationality (use drop-down), job category (fresher or experienced) and upload passport size photo. If the user checks job category as "experienced", get experience in years and domain expertise from

the user (this section should not be visible initially).

- 4B Write a HTML application to create new HTML element dynamically using HTML DOM.
- 4C What is onError event in JavaScript?

(5 + 3 + 2)

- 5A Write a PHP application to display customer names in a drop-down list (static data), on selection of a customer name, the customer's information should be retrieved and displayed using AJAX.
- 5B Write a XSL document to display XML content given below.

```
<?xml version="1.0" encoding="utf-8"?>
<catalog>
  <cd>
    <title>empire burlesque</title>
    <artist>bob dylan</artist>
    <year>1985</year>
  </cd>
  <cd>
    <title>hide your heart</title>
    <artist>bonnie tyler</artist>
    <year>1988</year>
  </cd>
</catalog>
```

- 5C What is the difference between valid and well-formed XML documents?

(5 + 3 + 2)

- 6A Write a HTML form to upload an image file. Write a PHP program to save the image in server directory and insert file path as a record in MYSQL database table.
- 6B What is session super global variable? Explain session based storage of data w.r.to a user.
- 6C What is the "htmlspecialchars()" function from PHP used for?

(5 + 3 + 2)