

Reg. No.



MANIPAL INSTITUTE OF TECHNOLOGY
MANIPAL

II SEMESTER, MCA

END SEMESTER EXAMINATIONS, APRIL/MAY 2017

SUBJECT: WEB PROGRAMMING [MCA 4203]

REVISED CREDIT SYSTEM

(27/04/ 2017)

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ALL FIVE FULL** questions.
- ❖ Assume the missing details and mention it.

1A.	Explain the working of a dynamic web application with a neat diagram.	5
1B.	Explain the working of inter page and intra page navigation using HTML anchor tag.	3
1C.	What is the use of the HTML base tag?	2
2A.	Write a HTML page for free-hand drawing using HTML canvas.	5
2B.	Differentiate between the GET and the POST methods in HTTP.	3
2C.	Why is HTTP called a 'stateless' protocol?	2
3A.	Explain positioning and layering of HTML element using CSS.	5
3B.	How can media query and meta tag assist in designing a responsive html page?	3
3C.	Differentiate between internal and external style sheet in HTML pages.	2

4A.	Write an HTML page with accepts the user's name, age, address, mobile number and credit card number. Write a javascript to validate the user information as per the following rules and then submit the valid data: (i) name – Alphabetic, Mandatory (ii) age – Numeric, between 18 to 60, Mandatory (iii) credit card number – Numeric, 16 digits	5
4B.	Write a HTML application to create new HTML element dynamically using HTML DOM.	3
4C.	Differentiate between client-side and server-side validation in web pages.	2
5A.	Write a PHP application to populate dropdown list to display employee name from data table in MySQL database, on selection of an employee name define an AJAX call to server to retrieve and display employee's details.	5
5B.	Write XML schema for the following XML content. <pre> <?xml version="1.0" encoding="utf-8"?> <catalog> <cd id="101"> <title>empire burlesque</title> <artist>bob dylan</artist> <year>1985</year> </cd> <cd id="102"> <title>hide your heart</title> <artist>bonnie tyler</artist> <year>1988</year> </cd> </catalog> </pre>	3
5C.	What is the scope of PHP session?	2