

Reg. No.



MANIPAL INSTITUTE OF TECHNOLOGY
MANIPAL
(A constituent unit of MAHE, Manipal)

II SEMESTER, MCA

END SEMESTER EXAMINATIONS, APRIL 2018

SUBJECT: WEB PROGRAMMING [MCA 4203]

REVISED CREDIT SYSTEM

(25/04/2018)

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 inter page and intra page navigation using HTML anchor tag.	3
1C.	What is HTML span tag?	2
2A.	Write a HTML application with horizontal and vertical navigation bar with atleast four tabs each using HTML list tag.	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 of HTML element using CSS. Give examples.	5
3B.	Write a HTML application with static text content and two buttons namely day mode and night mode. When the user clicks on day mode button, change the text color to black and background color of the view-port to white. When the user clicks night mode change the text color to white and the background color to black. Use external style	3

	sheet.	
3C.	Consider a div element in a HTML application with fixed height (100px) and width (150px). The text content in the div element is flowing out of the defined area. How can this issue be addressed using CSS to provide user a better experience?	2
4A.	Write a 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.	Consider a HTML page with a paragraph, an image and a button element. Write the JavaScript program to delete the paragraph element on clicking the button.	3
4C.	How to store state of a web application user? Illustrate with necessary example.	2
5A.	Write a PHP application to populate dropdown list to display employee name (static), on selection of an employee name define an AJAX call to the server to retrieve and display employee's details.	5
5B.	How to define a prepared statement in PHP? What are its advantages?	3
5C.	Explain any two super global variables in PHP ?	2