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MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

II SEMESTER, MCA

MAKE-UP EXAMINATIONS, JUNE/JULY 2018

SUBJECT: WEB PROGRAMMING [MCA 4203]

REVISED CREDIT SYSTEM

(/0 /2018)




Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

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

1A.	Illustrate the request-response mechanism between client and server, with the help of a neat diagram.	5
1B.	Explain the process of defining asynchronous request to the server using AJAX.	3
1C.	Show the usage of HTML Ordered list element with its two properties type and start.	2
2A.	Apply the following definition in style sheets with examples <ul style="list-style-type: none"> a. Tag-based selector b. Class selector c. Anonymous class selector d. Id based selector e. Pseudo-class selector 	5
2B.	Applying HTML DOM and JavaScript, write a web program to create a HTML paragraph element dynamically showing text “Manipal Institute of Technology” on a button click, with border color as “red” and text aligned center.	3
2C.	Discuss the design issues to be addressed when creating a HTML form.	2

3A.	Write a HTML code to depict a lunar eclipse using CSS animation.	5																							
3B.	Write the HTML code applying the following table structure. Fig 3.0 Camels and Llamas <table><tr><td rowspan="3"></td><td colspan="4">Camelid comparison Approximate as of 6/2011</td></tr><tr><td># of humps</td><td>Indigenous region</td><td>Spits?</td><td>Produces wool?</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>Camels (bactrian)</td><td>2</td><td>Africa/Asia</td><td>Yes</td><td>Yes</td></tr><tr><td>Llamas</td><td>1</td><td>Andes Mountains</td><td>Yes</td><td>Yes</td></tr></table>		Camelid comparison Approximate as of 6/2011				# of humps	Indigenous region	Spits?	Produces wool?					Camels (bactrian)	2	Africa/Asia	Yes	Yes	Llamas	1	Andes Mountains	Yes	Yes	3
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3C.	How to define JavaScript based error handling using onerror attribute of HTML element?	2																							
4A.	Consider a HTML form with text boxes to accept user-name and password, radio button to accept gender information male or female. Write JavaScript function to apply validations on form inputs on submit button click for the following conditions: a. The first letter of the user-name to be upper-case alphabet. b. The password should be four-digit number c. Any one of gender radio button should be checked.	5																							
4B.	Write a web page which displays digital clock, using the JavaScript timeout event.	3																							
4C.	Differentiate between NULL and UNDEFINED data type in JavaScript.	2																							
5A.	Consider user details: username, password, date-of-birth, phone number and email ID. Write a PHP block to insert the user details to data table “User” in MySQL database namely “myDB”. Assume that data table is already created with necessary meta-data.	5																							
5B.	Write a web application to upload file to server file system using PHP with the following restrictions: <ul style="list-style-type: none">File chosen for uploading should be text fileFile size should be less than 1 MBAvoid duplication or overwriting the file on the server	3																							
5C.	Illustrate the importance of PHP session with the help of an example.	2																							