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Manipal Institute of Technology, Manipal

(A Constituent Institute of Manipal University)



VI SEMESTER B.TECH (OPEN ELECTIVE)

END SEMESTER EXAMINATIONS, MAY 2016

SUBJECT: WEB PROGRAMMING [CSE 338]

REVISED CREDIT SYSTEM

Time: 3 Hours

Date: 16-05-2016

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ANY FIVE FULL** questions.
- ❖ Missing data, if any, may be suitably assumed.

- 1A Explain four differences in HTML 5 in terms of Document Structure Changes. What is the use of semantic elements in HTML5? List and explain four semantic elements. 4M
- 1B Write the HTML program using canvas where the filled blue text “Hello Canvas” should be displayed in the center of the canvas as shown in Fig 1B. 3M

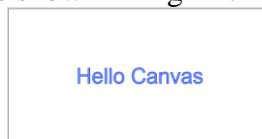


Fig 1B

- 1C How to restrict the type of data entered into a form in HTML5. Explain with an example. 3M
- 2A Explain the ways to track errors in JavaScript. 2M
- 2B List and explain any three super global variables in PHP. 3M
- 2C Use server side scripting language to solve this.

The user should enter the name, email and comments in text box as shown in Fig 2C (a). When Send comment is clicked, it should display as shown in Fig 2C (b).

Make a comment

Name:

Email:

Comment:

Fig 2C (a)

Make a comment

Thank you for your participation! We have registered your comment in our database:
 Name: Abc Xyz Def
 Email: Abc@comment.in
 Comment: This is an example of a comment!!!!!!

Fig 2C (b)

5M

- 3A How to create an array and add item in an array in JavaScript? Give different methods with example. 3M
- 3B Write a JavaScript program to add square of all numbers within the given range. Range should be taken from the user. 2M
- 3C Create a form that collects the first name, last name, email, user id, password and confirm password from the user. All the inputs are mandatory and email address entered should be in CSE 338

correct format. Also, the values entered in the password and confirm password textboxes should be the same. After validating using JavaScript, display proper error messages in red color just next to the textbox where there is an error. 5M

- 4A Write the jQuery program to solve this – 3M
When Animate + button is clicked, the paragraph with border should move 100px left with border width 10px, as shown in Fig 4A (b). When Animate – button is clicked, it should display the output shown in Fig 4A (a).

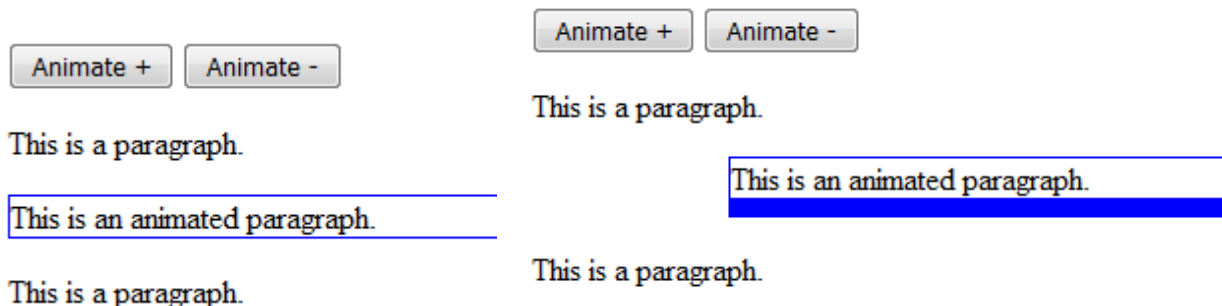


Fig 4A (a)

Fig 4A (b)

- 4B Write the jQuery program to change the paragraph "ALL IS WELL" to red, slide up for 3000 millisecond and slide down for 5000 millisecond. Use chaining function. 2M
4C Explain in jQuery: a) Basic showing and hiding. b) Fading Elements In and Out. c) Sliding Elements 5M

- 5A What are the two main steps to perform for modifying a web page in jQuery? 2M
5B Explain the different method scopes which are supported by object oriented PHP. How to invoke parent and unrelated constructors? 5M
5C Describe any six helper functions with its syntax in terms of PHP. 3M

- 6A Write the output of the following PHP code.

```
<?php
function outputme($_x, $_y) {
    echo "( $_x, $_y )<br>"; }
$x = 5; $y = 3;
outputme($x,$y); $x += 2 * $y;
outputme($x,$y); $x += ($y *= 2);
outputme($x,$y);
```

?>

2M

- 6B Create two PHP web pages. In first page, user entering product name and its quantity according to the table displayed as shown in Fig 6B (a). Second page will display the bill amount as shown in Fig 6B (b). 5M

Item	Price
Note Book	50
Pen	30
Sheets	100

Enter any product name here: Sheets

Enter quantity here: 3

Submit Query

you have purchased 3 Sheets
So you have to pay 300

Fig 6B (a)

Fig 6B(b)

- 6C Write a PHP program to convert a string to an array.

Ouptut – THIS IS THE END

Array ([0] => THI [1] => S I [2] => S T [3] => HE [4] =>END)

3M