

(3 hrs.)

Maximum Marks = 80

NB:

1. Question No. 1 is compulsory and solve any THREE questions from remaining questions
2. Assume suitable data if necessary
3. Draw clean and neat diagrams.

Q1 Attempt any four

Mark

- a. Write the HTML5 code to generate the following output

5

### List of Courses

#### I. Engineering

- Computer Science
- Electronics

#### II. Bachelor of Science

- physics
- chemistry

- b. With example explain how to select elements to style using id and class CSS selectors.

5

- c. Write short notes on Bootstrap Grid system.

5

- d. Write a Java Script code that accepts two numbers and display the multiplication of two numbers using innerHTML.

5

- e. Write the code using PHP string functions to

5

i. count the length of the string "I studied PHP in WebTechnologies"

ii. search for the text "PHP" within the string "I studied PHP in WebTechnologies"

- Q2 a. Design the static web page with the table as follows

10

## Car Manufactures in India

Maker	Model	Year
Hyundai	Creta	2018
Honda	Honda City	1982
	Honda Amaze	2005
Maruti suzuki		1980

- b. Write the JavaScript code to accept name and when you leave the input field, transform the input text to uppercase. Create the webpage as follows:

10

### Name in Uppercase

Enter your name:

When you leave the input field, my name is transformed into upper case.

- Q3 a.** Write the jQuery code to create a webpage as shown below and move the <div> element "I CAN MOVE" to the right, until it has reached a left property of 250px, when the Start Animation button is pressed.

Start Animation

When Start Animation button is pressed The div element "I CAN MOVE " will be shifted to the right until it has reached a left property of 250px

I CAN MOVE

10

- b** Write an external cascading style sheet to define the font, font color, background color, margin and border style for various HTML elements.

10

- Q4 a.** Write the JavaScript code to validate the student data (Name, Age, Email) using regular expressions as follows

10

- i. Name should be from "A" to "Z"
- ii. Age should be between 0 to 100
- iii. Email Id should contain @

- b** Write the PHP code to connect to a MySQL database "Company" with username "root" and password "test123". Insert one set of data into the table "Emptable" in the given database with four attributes Emp\_Id,First\_Name ,Last\_Name and email.Display error message if connection to the database is not established. Once data is inserted display "New record created successfully " on the web page

10

- Q5 a.** Create nav tabs with dropdown as below using bootstrap5

10

## Department of science

Staff
Student ▾

Syllabus

Question Paper

Activities

- b** What is Pagination? Create a small sized pagination block which is centre aligned, highlighting current page.

10

Previous
1
2
3
Next

- Q6 a.** With block diagram explain MVC architecture. List the advantages of MVC architecture.

10

- b** Write a PHP program that create and access session variables.

10

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