(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.

			Marks
Q1.		Attempt any four	
	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

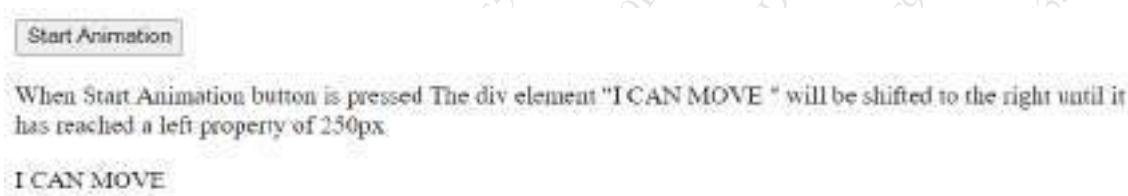| Maker	Model	Year
Hyundai	Creta	2018
Honda	Honda City	1982
	Honda Amaze	2005
Maruti suzuki		1980

	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.

10

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
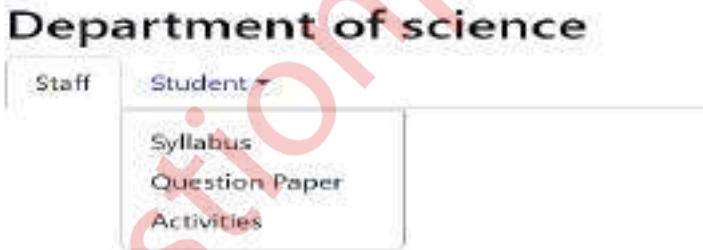
I CAN MOVE

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

10

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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