

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

Marks

- a. Write HTML code to construct the following table

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My favorite textbooks

No.	Name	Author
1	Database Management Systems	Henry Korth
2	Automata Theory	jeffrey ullman
3	Data Mining	jiawei Han

- b. Write HTML and CSS code to construct the following navigation menus

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Home About Us Products Services Portfolio Contact

- c. Write the code using appropriate language to change the color of a button to yellow as soon as the mouse pointer is kept on the button.

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- d. Discuss the features of Laravel framework.

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- e. Write short notes on JQuery getters and setters.

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- Q2 a. Write HTML code to build the following content. The user should be able to select only one car from the available cars such as: Audi, Nano, Alto, WagonR. If the user clicks on "Submit" button, it should re-direct it to "www.google.com"

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My favorite cars

Choose your favorite car:

Choose a car:

- b. Write HTML / CSS code to construct the following content with nav-bar. By default "Home" should be selected with black color. The color of other nav-bar menu should get changed automatically to "green", if you put the mouse cursor on that nav-bar menu.

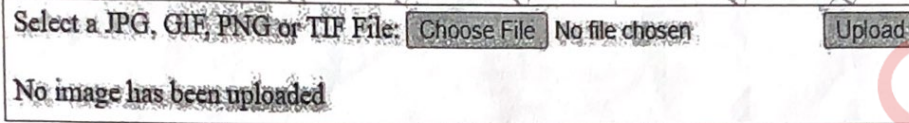
10

Home	Hello World!
News	Some text..
Contact	
About	

Q3 a. Create a form using basic HTML to accept a number from the user with or without '+' or '-' sign. 20
 If the user has entered a pop-up box should appear with the message "you have entered a valid number". If the number entered by the user is not a valid number, then a message "you have entered an invalid number" should appear in the pop-up box.

b. Write short notes on bootstrap grid system. Write the code using bootstrap to divide a page into two parts vertically. In left hand side part, list your favorite cricketers (any 4). In right hand side part, list your favorite scientists (any 4). 10

Q4 a. Write the code in PHP to create a web page as shown below. When a file has been successfully uploaded the message "No image has been uploaded" should be changed to "image has been successfully uploaded". Note: only the mentioned file formats should be allowed for upload. 10



b. Write short notes on MVC architecture. 10

Q5 a. Write the code using PHP and JQuery, to create following web page. The "Hide/Unhide me" button should be used to hide and unhide the text displayed on the web page alternatively. 10

I like web programming.

I like Database Management Systems

b. Create four buttons with different colors using bootstrap. All four button should contain spinner (loading) symbol. Out of these buttons, one button should be in permanently disabled state. 10

Q6 a. Write the code in PHP to connect to the database called as "mydb". The database username is "root" and the password for the user root is: "Test123". If the connection is successful, it should display the message "Connection established" on the screen. Otherwise it should print the message "Error in establishing connection". Now In this database create a table called "myguests" with the attributes "id", "first_name", "mobile_no" using PHP. 10

b. Write the code using HTML and JavaScript, which will display alert box with the message "Please enter a pass phrase". When clicked on "ok" button, the code should check whether the password entered by the user contains characters a-z and numbers 0-9. If so, it should print the message "password contains valid characters". If any special character is present in the password, it should print the message "invalid password" 10

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 BCC
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