

(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

Marks

- a. Write a HTML / CSS code to construct the following table:
- 5

Sr.	Title of textbook	Author
1	Database System Concepts	Henry Korth
2	Software Engineering	Andrew Pressman
3	Automata Theory	Jeffery Ullman
4	The art of Computer Programming	Donald Knuth

Row no: 1, 3 and 5: background color: blue. Text color: White

Row no: 2 and 4: background color: White. Text color: Black

- b. Discuss different attributes for layout and positioning of contents on a web page 5
- c. Write the code using appropriate language to change the font size of the text to “20px” and the color of the text to “Blue”, as soon as the user clicks on “Click Me!” button. 5

How are you? I am fine

- d. Write short notes on session handling in PHP 5
- e. Write short notes on MVC architecture 5

Q2. a. Create a web page containing a form where users should input the following data: 10

- Name (text)
- Age (radio buttons with option <18, 19-35, 36-48 and >49))
- Profession (text)
- Country (dropdown)
- Interests (list where user can select several - make up some choices)
- How did the user find out about the site (larger text field)

Don't forget that:

- The form should have a submit button.
 - Each field should have a label.
 - You should validate the page in the end.
- b. Explain following CSS properties with example 10
1. Inline-block
 2. Display
 3. Position
 4. Lists
 5. Padding

Q3. a. Design a form in HTML where an input will be taken from user as a string with a text box. Write a code in Java script to capitalize the first letter of the above string and display that output to the user on same page. 10

- b Write short notes on bootstrap grid system. Write a code to construct the following using Bootstrap. Add a submit button to the page. User can select one or multiple items by selecting the check box. Redirect to “https://www.google.com” once clicked on submit button. 10

- Q4** a. Create the following registration form using PHP. Validate Name and email id. Once the form is filled and clicked on submit button, all field details must be saved in a separate database and a message should be displayed on a separate page, after data saving in the database is successful. The message is: “Your data has been successfully saved in our database” 10

- b. Write short notes on Laravel framework. Discuss its advantages and dis-advantages. 10

- Q5** a. Write a code to display the following: 10

Once you click on a particular button it should change the color of the text “Click the button to change the color” as mentioned in button text

- b. How to create dropdown menu in bootstrap? Explain with the help of an example. 10

- Q6** a. Write the code in PHP to connect to the database called as “my_db”. The database username is “root” and the password for the user root is: “User123”. 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 “crick_info” with the attributes “id”, “cricketer_name”, “ipl_team_name”, “runs_scored”, “wickets_taken” using PHP. Now write PHP code to insert three records in this table. Now write separate PHP code to count number of records in the above inserted table 10

- b. Write the code to create the content with the alert box as shown below. The background color of the alert box should be blue. The alert box needs to be closed by clicking on the “x” symbol. 10