

Duration 3 Hours

Maximum marks: 80

- 1) Question 1 is compulsory
- 2) Attempt any three from the remaining questions
- 3) All questions carry equal marks.
- 4) Assume suitable data if necessary.

- Q.1. Attempt any **four** from the following questions
- a Write the HTML5 code to embed a webpage using iframe 5
  - b Using CSS pseudo-element style the first line of a paragraph element with red colour and insert a simley.jpg before paragraph element. 5
  - c Write a JavaScript program that uses the innerHTML property to display a welcome message inside a <div> element when a button is clicked. 5
  - d Write a program using JS loops that iterates from 0 to 15. For each iteration, it checks if the current number is odd or even, and displays a message on the browser. 5
  - e Write the code using PHP string functions to 5
    - i. count the length of the string "Hello this is a sample string"
    - ii. search for the text "sample" within the string "Hello this is a sample string"

- Q.2.a Design the static web page with the table as follows 10

Company	Headquarters		Contact
	City	Country	
Google	Mountain View	USA	about.google
Toyota	Toyota City	Japan	toyota-global.com
Samsung	Seoul	South Korea	samsung.com

- b Write the HTML code to design a form with three radio buttons red,green,blue. Write the Javascript code to change the background colour of the page when the user clicks on the particular button. 10

Q.3.a Write the jQuery code 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

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. Construct a navigation bar using CSS. 10

Q.4.a Write the JavaScript code to validate the employee data form having First Name, Last Name, Age, Email using regular expressions. 10

b. Write a PHP program that create and access session variables. 10

Q.5 a Write the features of Laravel Framework and explain its architecture. 10

b Explain the different types of Buttons used in BOOTSTRAP 5. 10  
For every button, write the command to create it.

Q.6 a Write the HTML and PHP code to create a form as shown which select an image from your system and allows to upload only jpeg image. 10

Select image to upload:  No file chosen

b Illustrate how bootstrap grid system contributes to creating responsive layouts. 10

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