

Q.P. Code :09810

[Time:3 Hours]

[ Marks:80]

Please check whether you have got the right question paper.

- N.B:**
1. All questions are compulsory.
  2. Solve any three questions out of remaining questions.
  3. Assume suitable data if required.

- Q.1
- a. Differentiate between GET and POST 05
  - b. Explain web services. 05
  - c. Explain 3 tier architecture of web application. 05
  - d. Differentiate between HTML and XML. 05

- Q.2
- a) Write a JavaScript program to validate a Form which accepts name, age, email and phone no of a student 10
  - b) Write CSS for an HTML page to:  
    - Set the background color
    - Set the size of the font
    - Create a hyperlink without an underline10

- Q.3
- a) Write HTML code to draw following table. 10

|         | Average |        | Red Eyes |
|---------|---------|--------|----------|
|         | Height  | Weight |          |
| Males   | 1.9     | 0.003  | 40%      |
| Females | 1.7     | 0.002  | 43%      |

- b) Write an ASP. NET program to insert a new record in database. 10
- Q.4
- a. What is jQuery? Illustrate the use of jQuery for form validation. 10
  - b. Write a JSP program to read the students data like roll number, name, email id and marks from the database and display in tabular format on web page. 10
- Q.5
- a. What is session? What are the ways to do session tracking? 10
  - b. Write a program to accept username and password fields from user in form; store and display it using PHP-MySQL 10
- Q.6
- a. Write an XML to accept student details (Name, ID, Branch, and CGPA). Write an XSL to display the list of students in descending order of their CGPA. 10
  - b. Explain Servlet life cycle. 05
  - c. Write JavaScript program to change background color continuously. 05