

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