

5. Explain the following:
- * Middleware Technologies
 - * AJAX
 - * E-Commerce Technologies
6. What are cookies and its types in context to web technologies? Write PHP code to create, add and delete a cookie.
7. What are various steps involved in a case study? Discuss a PHP case study of your choice.
8. Discuss MySQL case study on Banking System.

Exam. Code: 105704
Subject Code: 1440

B.Sc. (Information Technology) 4th Semester
WEB TECHNOLOGIES

Paper-IV

Time Allowed—2 Hours] [Maximum Marks—75

Note :— There are **Eight** questions of equal marks. Candidates are required to attempt any **Four** questions.

1. What are Cascading Style Sheets? How are they useful in web designing? Write code to apply CSS to a HTML by three different ways.
2. (a) What is a markup language? Explain the features of markup languages.
(b) Explain various ways to get a HTML element in JavaScript.
3. What are Java Servlets? Write a Java servlet code to read name, class and department of a student from a HTML page and display the information on servlet page after converting it into uppercase.
4. How JSP differs from servlet? Explain various JSP scripting elements by taking suitable example.