

Exam. Code : 105704

Subject Code : 1461

B.Sc. (Information Technology) 4th Semester

WEB TECHNOLOGIES

Paper—IV

Time Allowed—3 Hours] [Maximum Marks—75

Note :— Attempt FIVE questions in all selecting at least ONE question from each section. The FIFTH question may be attempted from any Section. All questions carry equal marks.

SECTION—A

1. (a) Write HTML code to display your class time table. 4
- (b) Explain different types of cascading style styles with suitable examples. 7
- (c) Write a JavaScript code to test whether the given number is Armstrong number or not. 4
2. Explain different form elements available and make it dynamic with the help of HTML. 15

SECTION—B

3. (a) Write short note on the “Fundamental ASP Objects”. 10
- (b) How ASP request differs from HTML request ? 5

4. Elaborate the JDBC Architecture and explain the Common JDBC Components. 15

SECTION—C

5. (a) Write a PHP script for uploading a file to the server and display the uploaded files details. 8
(b) Write a PHP script to validate the student data (Name, Regd. No., Email) using regular expressions and store in the database. 7
6. (a) What are the differences between traditional web application and AJAX based web application ? 8
(b) Explain working mechanism of AJAX with suitable example. 7

SECTION—D

7. The client runs an IT services company with headquarters in India and server for its various customers across multiple locations. Client required a CRM application that should bridge their internal customers and should also function as a help desk. What features should be incorporated for the client website so as to gather more customers and revenue ? Discuss with a case study on this situation. 15
8. A client is into social networking with 3 important areas for its users. They can share, connect, interact with others. What could be the multipurpose requirements of the client and how you will solve it ? Discuss with a case study on this situation. 15