Exam. Code : 206704
Subject Code : 5259

M.Sc. Computer Science 4th Semester

ADVANCED WEB TECHNOLOGIES USING

ASP.NET

Paper—MCS-401

Time Allowed—3 Hours]   [Maximum Marks—100

Note :— Attempt **FIVE** questions. All questions carry equal marks.

1. What are various standard controls to display image and text information in ASP.NET ? How hyperlink controls are used ?   20

2. Discuss the procedure for applying validation controls in form data. How regular expressions are used in validations ? Explain by taking an example.   20

3. What are different calendar operations ? State and explain the method of displaying advertisement.   20

4. What is master page ? Discuss the method of loading master page dynamically.   20

5. How ASP.NET makes connection with database ? Explain the data retrieval using SQL commands.   20

6. What are various parameters available in dropdown list control ? How it differs from bulleted list ? Create a form by inserting dropdown list and bulleted list in it.   20

7. Discuss the following :—

    (a) Grid view control.

    (b) ADO.NET

    (c) Cookies

    (d) User Profiles.   4×5

8. Explain different methods of caching application pages ? What is SQL dependency on cache ? Explain.   20