

Exam. Code : 107205

Subject Code : 2059

BCA Semester—V

WEB TECHNOLOGIES USING ASP.NET

Paper—II

Time Allowed—3 Hours]

[Maximum Marks—75

Note :— There are **EIGHT** questions, attempt any **FIVE**.
Each question carries **15** marks.

1. Explain the .Net framework class library in detail. What was its need ? What does 'managed code' mean in the .Net context ?
2. Explain the following :—
 - (a) Any five controls needed to get user input.
 - (b) What is the use of Panel Control ?
3. Explain different methods to pass form data from one page to another in asp.net application.
4. What is the use of validation controls ? Explain the use of regular expression and custom validation controls. What is alternative of using validation controls ?

5. Explain the following with reference to rich controls :
 - (a) Which are various rich controls available in ASP.Net ? Why they are named so ?
 - (b) Discuss any three applications of file upload control.
6. What is use of master pages in asp.net ? Explain the procedure to add and use master page in a web application. What is limitation of using master pages ?
7. Explain the following :
 - (a) What is connection string ? Which are different ways to make connection with database from an asp.net web page ?
 - (b) What is SQL data source ? What is difference between `executeReader()` and `executeNonQuery()` ?
8. Explain various list controls available in asp.net. Also explain any three events used with these controls.

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