

APRIL/MAY 2018

MCS13 — WEB APPLICATIONS USING C#

Time : Three hours

Maximum : 75 marks

SECTION A — (5 × 6 = 30 marks)

Answer ALL questions.

1. (a) Explain the functionality of Common Language Runtime (CLR) and Common Type System (CTS).

Or

- (b) Write short note on MVC Framework and SilverLight Technology.
2. (a) Explain the various ways to specify the location for a Web Application.

Or

- (b) Write short note on Code Render Blocks

3. (a) Differentiate HTML Control Class from Web Control Class.

Or

- (b) How to add nodes and remove nodes in TreeView Control? Explain.
4. (a) Explain the data structures used in LINQ.

Or

- (b) What is a Namespace? Explain System. IO Namespace with an example.
5. (a) Explain the various properties of Web Services.

Or

- (b) Briefly explain how to take reports using Crystal Reports.

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions.

6. Explain the various new features used in ASP.NET
7. How organize of a Web Application with its various components? Explain.

8. Explain the following controls with an example.

- (a) ListBox
- (b) Required Field Validator
- (c) Range Validator.

9. Explain in detail how to perform data access operations using GridView control.

10. Discuss the mechanisms used to provide security for Web Applications.