

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.