NOVEMBER/DECEMBER 2018

MCS 23 — ENTERPRISE APPLICATION USING C#

Time : Three hours   Maximum : 75 marks

SECTION A — (5 × 6 = 30 marks)

Answer ALL questions.

1. (a) Explain compilation procedure of the component class in component programming

Or

(b) Briefly explain about properties and state in component programming

2. (a) How Visual Studio.NET is useful in the creation of User Control?

Or

(b) How to create adaptive controls? Explain

3. (a) How server controls and session state is used to improve the scalability in web applications?

Or

(b) How to perform caching on client side? Explain with an example

4. (a) What are the ways to determine security requirements for web application?

Or

(b) Explain the IIS settings used in implementing security

5. (a) Write short note on Cryptography

Or

(b) What is Logging and Policy Injection? Explain with an example

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions.

6. What is a database component? Explain creation of database component with an example

7. Explain the following

(a) User Control Events

(b) Consuming a Custom control

8. Discuss how profiling an important role in improving the performance of web pages

9. Illustrate the Form Authentication process in detail

10. Explain the steps on how to deploy a web application in the web server

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