

B.E. DEGREE EXAMINATIONS: NOV/DEC 2010

Seventh Semester

COMPUTER SCIENCE AND ENGINEERING

U07CSE08: C# Programming

Time: Three Hours

Maximum Marks: 100

Answer All the questions: -

PART A (10 x 1 = 10 Marks)

1. The ability to treat one object instance is called as
a)encapsulation b)polymorphism c)data hiding d)data set
2. The desktop applications that update themselves over web automatically is
a) windows application b)web application c)web services d).net services
3. ----- serves as logical unit of version control
a)services b)assemblies c)applications form d)web forms
4. List class and queue class are used in
a) array collection b)generic collection c)string collection d)data collection
5. The central components of ADO.NET is
a) memoryDataObject b) memoryDataSet c) memoryDatacollection d)memoryObject
6. The main feature of ADO is
a) RecordSetObject b) RecordSetClass c)RecordForm d)RecordObjectSet
7. ----- is useful for developing the portal type web sites
a) web forms b)web pages c)web services d)web parts
8. ASP stands for
a) active server pages b)active server port c)active set page d)active set port
9. System.Diagnostics.Debug class is used
a) to save the information
b) to edit the debug the information
c) write simple information to debug windows
d) save simple information to window
10. How to get user Name for the user whose email address matches input
a) GetUserBymail b) GetUserByInternet c) GetUserNameByEmail d) ValidateEmail

PART B (10 x 2 = 20 Marks)

11. Define jagged array with an example
12. What is meant by Common Language runtime?

13. Specify the syntax to call a delegate
14. What is the use of XMLReaderClass ? Show with an example.
15. What is the purpose of using Retrieve statistics method?
16. Define Data Set with an example.
17. List out any four ASP.NET web events.
18. What for Trace web Event provider is used?
19. What is the need for using web services?
20. What are the two forms of data binding in windows forms?

PART C (5 x 14 = 70 Marks)

21. a) With neat diagram describe the .Net Framework in detail

[OR]

- b) Explain in detail about Arrays and collections with examples

22. a) What is meant by Events and delegate? Explain briefly about the actions that are performed by them with a program

[OR]

- b) Explain briefly about Thread synchronization, Contention and their operations.

23. a) Write a source code to read and write XML DataTable content and how will you load and save a document in the same XML DataTable

[OR]

- b) How to populate a typed DataSet using strongly typed members. Explain it with an example.

24. a) Explain in detail about any five property and members that are used in membership and write a source code that covers the property Membership

[OR]

- b) Discuss in detail about how to create, built and personalize a Web Parts.

25. a) How does Windows form differ from web form? Create a Windows form application and a form designer with suitable examples.

[OR]

- b) Write a source code for a form that sends message to a list box when address changes and network availability changes
