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B.Tech (Full Time) End Semester DEGREE EXAMINATION, APRIL / MAY 2011

Seventh Semester / Information Technology

IT 520 - C# . NET TECHNOLOGY

(Regulation 2004)

Time : 3 Hours

Answer ALL Questions

Max. Marks 100

PART-A (10 x 2 = 20 Marks)

1. List any two peculiar features of C#.
2. How to create an object in C#?
3. What are indexers and collections in C#?
4. Write a C # program to concatenate two strings.
5. How the data are accessed from database in .Net?
6. Define : Web services in C#.
7. What is meant by reflection in .Net framework?
8. Define : CLR.
9. Give any two streams in .Net technology.
10. Differentiate : Marshalling and De-marshalling.

Part - B (5 x 16 = 80 marks)

11. a) Describe about inheritance, polymorphism and operator overloading in C# with an sample program.
12. a) Implement C# program to handle user-defined and pre-defined exceptions.
OR
b) Implement C# program to expose the concept of delegates and events.
13. a) Implement an registration form for an airline reservation system using .Net application development
OR
b) Implement an stock entry form for an inventory management system using .Net application development
14. a) Explain about the .Net architecture with its various components with a neat diagram.
OR
b) Describe about the different types of assembling and its functions with an example to each.
15. a) Write short notes on remoting and streams.
OR
b) Write short notes on threads and synchronization.