B.E / B.Tech (Full Time) DEGREE END SEMESTER EXAMINATIONS, APRIL / MAY 2014

COMPUTER SCIENCE AND ENGINEERING

7ᵗʰ SEMESTER

CS 9049 – PRGRAMMING IN .NET

(REGULATIONS 2008)

Time: 3 hrs   Max.Mark:100

Answer All Questions

Part – A (10 X 2 = 20 Marks)

1. What is the need of WPF when we had windows forms?

2. How do you bind data in WPF?

3. Write the syntax for simple SOAP message.

4. List the features of .Net remoting?

5. What is a message queue?

6. State the advantages of COM+?

7. How can you implement a condition in a workflow?

8. What are the different types of workflow in WF??

9. Define code based security?

10. What are the differences between declarative and imperative security.

Part – B (5 X16=80

11. i) Explain in detail about the data binding and event handling in WPF   (8)
    ii. Explain the three types of controls in ASP .NET Server controls   (8)

12. A) i. With suitable example explain the Web Service Description Language (WSDL).   (8)
       ii. Elaborate the .Net Remoting architecture functionalities with neat diagram   (8)

(OR)

12. B) i. Develop a web service in ASP.NET environment with necessary code and deployment
       procedure.   (16)

13. A) i. Explain the steps involved in creating an COM+ applications in .NET Remoting   (10)
       ii. What is an Enterprise Service? Explain with an example   (6)

(OR)

13. B) i. Explain the various types of message queuing in COM+ application (8)

    ii. Describe the role of Automatic transactions in COM+ applications (8)

14. A) i. Briefly discuss why workflows are based on Extensible Models (8)

    ii. Explain the Custom Activities with an example. (8)

(OR)

14. B) Explain the following with an example

    i. Directory Services   ii. Hosting workflows (16)

15. A) i. Describe the debugging windows available in .NET. (8)

    ii. Briefly discuss the how security issues can be solved for mobile devices? (8)

(OR)

15. B) i. Describes core components and capabilities of the .NET Compact Framework. (8)

    ii. Explain the procedure of packaging and deployment of compact framework. (8)