



B.Tech. (FULL-TIME) DEGREE END SEM EXAMINATIONS NOV/DEC/2011
 INFORMATION TECHNOLOGY
 VII SEMESTER

CS9049: PROGRAMMING IN DOT NET(R-2008)

Time: 3 Hours

Max. Marks: 100

Answer ALL Questions

PART – A (10 x 2 = 20 Marks)

1. How to reduce the XAML code by markup extensions. Give example?
2. Which file is to be used for themes and write a code snippet to apply that to ASP.Net pages.
3. When to use and not to use web services?
4. What is the use of Assembly files in .Net?
5. Where to use enterprise services?
6. What is the use trigger component in Message queuing products?
7. When would you prefer to use state machine workflow?
8. Draw and explain the relationship between WPF, WCF, and WWF.
9. What target platforms does the current release of Smart Device Extensions support?
10. Differentiate Dot net Compact Framework 2.0 and Dot net Framework 2.0.

PART – B (5 x 16 = 80 Marks)

- 11 a (i) What is the difference between ASP.NET and ASP.NET AJAX. Give example code.(6)
 - 11 a (ii) Write a WPF program using ADO.NET to connect to the northwind database and read the names of the employees. The employee table has 2 fields namely first name and last name.(10)
 - 12 a (i) Expose and consume a webservice to get and update author information and should display details in datagrid(8)
 - 12 a (ii) How do you send an email message from ASP.NET page?(8)
- OR
- 12 b (i) What is .net remoting? Explain the architecture of .net remoting.(8)
 12. b (ii) Write a remoting application which returns the maximum and minimum temperature of a given city.(8)

13 a (i) Create a account manager component that manages creation and deletion of accounts for bank server using COM+ application.(16)

OR

13 b (i) Develop a Command-Line based Asynchronous Messaging Receiver and Server .The server can send multiple messages which are queued in order and read by the client application.(16)

14 a (i) Give design and implementation details to Create a AirFlight Booking system and use all available activities.(8)

14 a (ii) Explain the architecture of ActiveDirectory and its Administration Tools.(8)

OR

14 b (i) Give design and implementation details for order processing application built for the web using WWF(16).

- CancelOrder
- CreateOrder
- GetAllOrder
- GetAvailableOrder
- GetOrderByld
- ProcessOrder
- ShipOrder
- UpdateOrder
- VerifyResults

15 a (i) Write the difference between WindowCE and Windows mobile.(6)

15 a (ii) Write a program to implement a e-Library with sql server CE in Compact Framework with clear user interface integration details.(10)

OR

15 b (i) How to connect to an emulator or real device to debug the code during development? (5)

15 b (ii) What kind of errors can occur at runtime ?(5)

15 b (iii) How you should code your applications to trap and respond to exceptions?(6)