

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER-I(New course)• EXAMINATION – WINTER- 2015

Subject Code: 3715307

Date:02/01/2016

Subject Name: Compact Framework for MS windows Mobile

Time:2:30 pm to 5:00 pm

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q. No. 1

- a. How will you load dynamic assembly? How will create assemblies at run time? If you have more than one version of one assembly, then how will you use old version with proper specified version number in your application? [7 Marks]
- b. What is Methods? What is extension method in C#? Explain briefly. [7 Marks]

Q. No. 2

- a. Write a C# program using LINQ that prints count of leap years in 20th century? [7 Marks]
- b. What debugging tools come with the .NET Framework SDK? Discuss all. [7 Marks]

OR

- b. Explain the architecture of Silverlight. What are the basic things needed to make a silverlight application? Discuss in detail. [7 marks]

Q. No. 3

- a. What is boxing and unboxing in C#.NET? Explain briefly with sample code. Write the difference between Group box control and Panel control. [7 Marks]
- b. What are Windows services? Briefly explain the concept of Web services. Write the names of public properties defined in the WebService class. [7 Marks]

OR

Q. No. 3

- a. What is Language Integrated Query (LINQ)? Write the basic syntax of a LINQ query in C#. What are the different implementations of LINQ? Discuss them. [7 Marks]
- b. How to write a method in a class and build as .dll. Explain through one example. [7 Marks]

Q. No. 4

- a. What do you mean by WinRT? Discuss the new -Windows Runtimeø in Windows 8 and its relation with .NET. [7 Marks]
- b. Describe the configuration files in .Net. What are different types of configuration files in .Net framework? Write their usages. [7 Marks]

OR

Q. No. 4

- a. What are the values that can be assigned to the DialogResult property of a Button control? Explain with a suitable example. [7 Marks]
- b. Why do you use Windows Installer? Discuss the importance of all the reasons. [7 Marks]

Q. No. 5

- a. What is Windows Workflow Foundation? Write the components of WF 4.0. What are the different types of workflow in WF? Discuss them. [7 Marks]
- b. Write notes on delegate, multicast delegate & event in C#. Explain with example. [7 Marks]

OR

Q. No. 5

- a. What are basic steps to create a WCF service? What are various ways of hosting WCF service? Explain them. [7 Marks]
- b. How and why to use Using statement in C#? Explain with a suitable example. [7 Marks]