Seat No.:	Enrolment No	
CHIADAT TECHNOLOGICAL HNIVEDCITY		

## GUJARAT TECHNOLOGICAL UNIVERSITY M.E. - SEMESTER- I EXAMINATION –SUMMER-2015

Subject code: 3715307/2715307 Date: 18/05/2015

**Subject Name: Compact Framework for MS Windows Mobile** 

Time: 10:30 AM to 01:00 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. V	What do you mean by Abstract Class and Interface in C#? Mention 5 differences by	etween them. [7 Marks]
b. V	What is a MS.NET framework Assembly & what are the contents of assembly?	[7 Marks]
Q. No. 2 a. E b. I	Explain in detail the types of contract in Windows Communication Foundation? Define delegate, multicast delegate & event in C#. Explain with suitable example. OR	[7 Marks] [7 Marks]
b. I	Describe the roles of CLR & JIT compiler in .NET Framework.	[7 Marks]
b. V c. V	Write advantages of CLR procedure over T-SQL procedure. What are differences between Array list and Hash table in C#? What is Garbage Collection in MS.NET framework? Explain the types of generation of the collector.  OR	[3 Marks] [4 Marks] ions in a [7 Marks]
Q. No. 3 a. I b. I	BEXPLAIN VARIOUS COLLECTION CLASSES IN .NET & their usages. Show in code snippet. How to do object pooling in .NET? How can you make Windows API calls in .NET.	[7 Marks] ET? [7 Marks]
Q. No. 4 a. b. 1	4 What is Silverlight? Write all the advantages of Silverlight. Explain in detail about LINQ & Lambda expression with example. OR	[6 Marks] [8 Marks]
Q. No. 4 a. b.	4 What do you mean by extension method in C#? Explain it with the example. Discuss the tools required for developing Silverlight applications?	[7 Marks] [7 Marks]
Q. No. :	5 Explain Access modifiers in C# and demonstrate each access modifier on a type &	& member. [8 Marks]
b. 1	How to add a ReadOnly property in C#.NET? Show it through an example.  OR	[6 Marks]
Q. No.	5 Explain method overloading & overriding in C# through example. Discuss their o	lifferences. [8 Marks]
b.	Write the difference between struct & class in C#. Explain through examples.	[6 Marks]

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