

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M. E. - SEMESTER – I • EXAMINATION – SUMMER • 2014

Subject code: 2715307

Date: 19-06-2014

Subject Name: Compact Framework for MS Windows Mobile

Time: 02:30 pm - 05:00 pm

Total Marks: 70

Instructions:

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

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|------------|------------|--|-----------|
| Q.1 | (a) | Explain the .net framework architecture with diagram. | 07 |
| | (b) | Differentiate Windows phone 8 with the Windows phone 7. | 07 |
| Q.2 | (a) | Discuss the Assemblies in detail. | 07 |
| | (b) | Explain about the LINQ. | 07 |
| | | OR | |
| | (b) | Describe the interfaces and inheritance with example. | 07 |
| Q.3 | (a) | Explain the run time polymorphism with example. | 07 |
| | (b) | Describe the Encapsulation and illustrate with example. | 07 |
| | | OR | |
| Q.3 | (a) | Describe about the Boxing and Unboxing with example. | 07 |
| | (b) | Explain about the managed and unmanaged code. | 07 |
| Q.4 | (a) | Discuss about Events and Delegates. | 07 |
| | (b) | Describe the operator overloading with example. | 07 |
| | | OR | |
| Q.4 | (a) | Describe arraylist and array in detail. | 07 |
| | (b) | Explain the exception handling with example. | 07 |
| Q.5 | (a) | Explain the structure and enumerations in detail. | 07 |
| | (b) | What is WCF? Explain the need of WCF service. | 07 |
| | | OR | |
| Q.5 | (a) | Describe about the Constructor and Destructor in detail. | 07 |
| | (b) | Explain the process of garbage collection and memory management in C#. | 07 |
