

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-VII • EXAMINATION – SUMMER 2014

Subject Code: 171604

Date: 31-05-2014

Subject Name: Dot Net Technology

Time: 02:30 pm to 05:00 pm

Total Marks: 70

Instructions:

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

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|-----|-----|--|----|
| Q.1 | (a) | Explain .net framework architecture | 07 |
| | (b) | What is namespace? Create C# program to demonstrate it. | 07 |
| Q.2 | (a) | What is CTS? Explain any three .net data type with relevant example. | 07 |
| | (b) | Differentiate language features of C# and VB.Net | 07 |
| OR | | | |
| | (b) | What is Thread? Create VB.Net program to implement multithreading concept. | 07 |
| Q.3 | (a) | What is inheritance? Explain it in brief with suitable example using VB.Net. | 07 |
| | (b) | What is DataSet? Explain it in brief. | 07 |
| OR | | | |
| Q.3 | (a) | What is method overloading? Explain it in brief with suitable example using C#. | 07 |
| | (b) | What is OleDbDataReader? Explain it with relevant example. | 07 |
| Q.4 | (a) | Differentiate properties and Indexers with relevant example. | 07 |
| | (b) | Explain TextBox and ImageMap controls with its syntax and example. | 07 |
| OR | | | |
| Q.4 | (a) | What is delegate? Explain it in brief with suitable example. | 07 |
| | (b) | Explain Image and ListBox controls with its syntax and example. | 07 |
| Q.5 | (a) | What is web service? Create web service to convert temperature from Celsius to Fahrenheit. | 07 |
| | (b) | Explain Cookie and Application state with example. | 07 |
| OR | | | |
| Q.5 | (a) | What is WPF? Explain its architecture. | 07 |
| | (b) | What is AJAX? Explain UpdatePanel control. | 07 |
