

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-VII(OLD) • EXAMINATION – WINTER 2016

Subject Code: 171604**Date: 18/11/2016****Subject Name: Dot Net Technology (Department Elective - I)****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.1** (a) i) Explain Boxing and Unboxing with relevant example. **04**
 ii) Explain Querystring in Asp.net with relevant example. **03**
- (b) Explain CLR in detail. **07**
- Q.2** (a) Explain the Connected and Disconnected Data access of ADO.Net in detail. **07**
 (b) What is unsafe code? Explain its use in c#.net with relevant example. **07**
- OR**
- (b) i) Explain Dim, Redim and preserve keywords in vb.net **03**
 ii) What is property in c#.net? Explain Read Only property with relevant example. **04**
- Q.3** (a) List the Server State Management Techniques and explain any two in detail with example. **07**
 (b) Explain the Compare Validation control and Range Validation control of Asp.net in detail. **07**
- OR**
- Q.3** (a) Explain any two of the following controls by giving example with its main properties, methods and events. **07**
 i) Textbox Control ii) Checkbox Control iii) Combobox Control
 (b) Describe Unstructured Exception handling in detail with relevant example. **07**
- Q.4** (a) Explain Master pages and Themes with relevant example. **07**
 (b) Describe in brief the GDI+ Managed classes. Write a code snippet to draw & fill rectangle shape. **07**
- OR**
- Q.4** (a) Explain Asp.net Adrotator control in detail with example. **07**
 (b) Explain with example the role of Content place Holder Control in Nested Master Page in Asp.Net. **07**
- Q.5** (a) Define Web services. Explain Web service components in detail. **07**
 (b) List the Ajax enabled server controls. Explain any two in brief. **07**
- OR**
- Q.5** (a) Describe WPF Architecture in detail with a neat diagram. **07**
 (b) List the classes of System.IO namespace. Explain any two classes in detail with relevant example. **07**
