Seat No.:	Enrolment No.

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. 04 0.1 (a) i) Explain Boxing and Unboxing with relevant example. ii) Explain Querystring in Asp.net with relevant example. 03 **(b)** Explain CLR in detail. 07 (a) Explain the Connected and Disconnected Data access of ADO.Net in detail. **Q.2** 07 **(b)** What is unsafe code? Explain its use in c#.net with relevant example. 07 **(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 04 example. 0.3 (a) List the Server State Management Techniques and explain any two in detail 07 with example. (b) Explain the Compare Validation control and Range Validation control of 07 Asp.net in detail. OR Explain any two of the following controls by giving example with its main 07 0.3 properties, methods and events. i) Textbox Control ii) Checkbox Control iii) Combobox Control **(b)** Describe Unstructured Exception handling in detail with relevant example. 07 0.4 Explain Master pages and Themes with relevant example. 07 Describe in brief the GDI+ Managed classes. Write a code snippet to draw & 07 fill rectangle shape. OR 0.4 (a) Explain Asp.net Adrotator control in detail with example. 07 (b) Explain with example the role of Content place Holder Control in Nested 07 Master Page in Asp.Net. 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 (a) Describe WPF Architecture in detail with a neat diagram. 0.5 07 (b) List the classes of System.IO namespace. Explain any two classes in detail with 07 relevant example.
