

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

Subject Code: 170707**Date: 18/11/2016****Subject Name: Advance .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) Briefly describe the roles of CLR in .NET framework. **07**
(b) What is metadata? Explain assemblies in .NET. **07**
- Q.2** (a) Explain Collections and Generic classes in brief. **07**
(b) Explain various ways to pass values from one windows form to other windows form? **07**
- OR**
- (b) Explain ActiveX control and custom control. **07**
- Q.3** (a) What are the ways of handling runtime errors? **07**
(b) Explain various objects of ADO.NET. **07**
- OR**
- Q.3** (a) Create a console application in VB.NET which demonstrates inheritance. **07**
(b) Explain ADO.NET Architecture. **07**
- Q.4** (a) Define Dataset, typed Dataset, Data Adaptors and Data Reader and write sample code for dataset and data reader in C#.NET. **07**
(b) Explain various list-bound controls in ASP.NET. **07**
- OR**
- Q.4** (a) Create consumer to use the Web service. **07**
(b) Give ASP.NET code to rotate advertisements with AdRotator control. **07**
- Q.5** (a) Explain Reflection API. **07**
(b) Describe various methods for storing state information in web applications. **07**
- OR**
- Q.5** (a) Explain AJAX Controls. **07**
(b) What is Theme? Create skin file to format various controls and give code to apply theme in ASP.NET webpage. **07**
