

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VII • EXAMINATION – SUMMER • 2014****Subject Code: 170707****Date: 31-05-2014****Subject Name: Advance .NET Technology****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 marks.

- Q.1** (a) Explain important of Intermediate Language? What do you mean by “Unsafe code”? explain it with example **07**
(b) Explain .Net framework architecture **07**
- Q.2** (a) Write ASP .NET program to illustrate the concept of Cookies **07**
(b) What is validation in web development? Explain various Controls for validation in ASP.NET with Example. **07**
- OR**
- (b) What is Structured Error Handling in VB .NET? Explain with proper example **07**
- Q.3** (a) List and explain important classes of ADO .NET **07**
(b) Explain Event and Delegate with Example in C# **07**
- OR**
- Q.3** (a) Explain use of WCF in .Net framework. Define various techniques in WCF. How to use Ajax controls in ASP .Net? **07**
(b) What is indexer? Differentiate it with property. Explain it with suitable example **07**
- Q.4** (a) Discuss the concept of Master page in ASP .NET **07**
(b) What is data-bound control? Explain Repeater control with suitable example **07**
- OR**
- Q.4** (a) Explain Reflection API in C# with example **07**
(b) Differentiate Array and Array List in .Net with example in C# .Net. Explain various methods of Array List **07**
- Q.5** (a) What is Theme? Create skin file to format various controls and give code to apply theme in ASP.Net webpage. **07**
(b) What is WPF? Explain it in details with all its features **07**
- OR**
- Q.5** (a) Write and explain properties and methods of OpenFileDialog and SaveDialog **07**
(b) Write a note on XML Web service **07**
