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

Subject Code: 170707Date: 18/11/2016Subject Name: Advance .Net Technology (Department Elective - I)Time: 10:30 AM to 01:00 PMInstructions:1. Attempt all questions.2. Make suitable assumptions wherever necessary.3. Figures to the right indicate full marks.			
Q.1	(a) (b)	Briefly describe the roles of CLR in .NET framework. What is metadata? Explain assemblies in .NET.	07 07
Q.2	(a) (b)	Explain Collections and Generic classes in brief. Explain various ways to pass values from one windows form to other windows form?	07 07
		OR	07
	<b>(b</b> )	Explain ActiveX control and custom control.	07
Q.3	(a) (b)	What are the ways of handling runtime errors? Explain various objects of ADO.NET. <b>OR</b>	07 07
Q.3	(a) (b)	Create a console application in VB.NET which demonstrates inheritance. Explain ADO.NET Architecture.	07 07
Q.4	(a)	Define Dataset, typed Dataset, Data Adaptors and Data Reader and write	07
	(b)	sample code for dataset and data reader in C#.NET. Explain various list-bound controls in ASP.NET. <b>OR</b>	07
Q.4	(a) (b)	Create consumer to use the Web service. Give ASP.NET code to rotate advertisements with AdRotator control.	07 07
Q.5	(a) (b)	Explain Reflection API. Describe various methods for storing state information in web applications. <b>OR</b>	07 07
Q.5	(a) (b)	Explain AJAX Controls. What is Theme? Create skin file to format various controls and give code to apply theme in ASP.NET webpage.	07 07

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