GUJARAT TECHNOLOGICAL UNIVERSITY

GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER–VII EXAMINATION – SUMMER 2016			
Subject Code:170707 Date			16
Subject Name:Advance .Net Technology (Department Elective - I) Total Marks: 70 Time:02:30 PM to 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.			70
Q.1	(a)	Explain following terms with respect to .NET framework 1. Base Class Library	07
	(b)	 Common Language Runtime (CLR) Differentiate following Dim and ReDim Function and Subroutine 	07
Q.2	(a)	Explain VB .NET syntax of1. Inheritance2. Constructor (with and without parameters)	07
	(b)		07
	(b)	Explain event handling mechanism in windows form.	07
Q.3	(a)	Explain following terms in ASP .NET with suitable examples.1. Postback and Viewstate2. Code Behind	07
	(b)		07
Q.3	(a)	Explain with examples1. Validation summary2. IsValid property of ASP .NET page	07
• •	(b)	What do you mean by Master page? Explain syntax of creating master page.	07 07
Q.4	(a) (b)	What do you mean by disconnected data access? List various namespaces and important classes used to perform disconnected data access. Give differences between cookies and session objects.	07 07
Q.4	(a)	OR Explain following with respect to C# 1. Unsafe code	07
	(b)	2. Delegates What do you mean by data bound control? Explain any one with its syntax.	07
Q.5	(a) (b)	Write a program to display contents of "Users" database table using ADO.NET Write VB .NET program to display following pattern.	07 07
		12 123	
		1234 OR	

Q.5 (a) Write ASP .NET program to get age from user. Validate form so that entered age must be between 18 and 60. (Use appropriate validation control)
 (b) Write VB .NET program to illustrate concept of method overriding.
 07
