Seat No.:	Enrolment No.	
Scat No	Emoment No.	

GUJARAT TECHNOLOGICAL UNIVERSITY

B. E. - SEMESTER – VII • EXAMINATION – WINTER 2012

Sub	ject	code: 171604 Date: 28/12/2012	
Sub	ject	Name: Dot Net Technology (Department Elective - I)	
Tin	ne: 10	0.30 am - 01.00 pm Total Marks: 70	
Ins	truc	tions:	
	2.	Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	Explain the following terms: 1. MSIL 2. CLR 3. CTS 4.CLS 5. GAC 6. Jitter 7. Assembly Manifest	07
	(b)	Draw the .net framework architecture. State its advantage.	07
Q.2	(a)	What is namespace? Write a VB.Net code to illustrate the use of user defined namespace.	07
	(b)	What is Thread? Discuss about its priorities. Also write a VB.Net code to implement the multithreading concept. OR	07
	(b)	What is inheritance? Write a VB.Net code to illustrate the inheritance.	07
Q.3	(a)	What is form dialog? Explain the following with suitable example. 1. FolderBrowserDialog 2. FontDialog 3. ColorDialog	07
	(b)	Draw and explain ADO.Net architecture. OR	07
Q.3	(a)	What is property? Differentiate it with indexer. Write a C# code to implement the properties for name and age data member of Person class.	07
	(b)	What is delegate? Explain it with suitable example.	07
Q.4	(a)	What is the extension of following: 1. ASP.Net page 2. Master Page 3. Skin File 4. Web Service File 5. ASP.Net Code Behind with C# 6. Web User Control 7. SQL Server Database File	07
	(b)	What is state management? Write a ASP.Net code to implement the code of visitor counter using Application State OR	07
Q.4	(a)	Explain Following ASP.Net Server Controls with suitable example 1. CheckBoxList 2. Image 3. HyperLink	03 02 02
	(b)	What is Master Page? Write a sample Master Page to implement the basic layout of website and Crate Sample Content Page to provide basic content of website.	07
Q.5	(a)	What is webservice? Create a webservice to retrieve Zip Code based on provided City Name. Also write a code to consume mentioned service.	07
	(b)	What is WPF? Explain its features. Also draw and explain WPF architecture OR	07
Q.5	(a)	What is Theme? State its importance. Explain it in details with suitable example.	07
	(b)	Write a short note on WCF along with its Architecture	07
