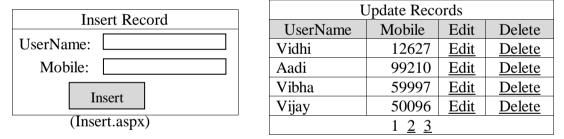
GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VII EXAMINATION – WINTER 2015

	•	ct Code: 171604			e:04/12/2015	
Τ	v	ct Name: Dot Net Technolog 10:30am to 1:00pm jons:	gy (Department Elective -		al Marks: 70	
		 Attempt all questions. Make suitable assumptions whe Figures to the right indicate full 	•			
Q.1	(a)	Explain the following terms: 1.ViewState 2.CLR 3.CTS	4.Assembly Manifest	5.GAC	6.Delegate	06
	(b)	Differentiate following terms:1. Boxing and Unboxing.2. VB.Net and C#.Net.3. NameSpace and Assembly.	ž		C	08

- 4. Server. Transfer and Response. Redirect
- Q.2 (a) Create a web application using C#.Net or VB.Net with Unbound connectivity to 07 insert a record into Insert.aspx webpage (as shown below) and display the same records in GridView control with update and delete facilities in Update.aspx webpage (as shown below) with following conditions:

1. Only last 5 digits of Mobile numbers should be displayed in GridView.

2.Blank Record should not be inserted from Insert.aspx.



(Update.aspx)

	(b) 1. What is the difference between Datagrid, Datalist and Repeater?		
		2. Explain FOR EACH statement in VB.Net with suitable example.	03
		OR	
	(b)	1. Explain the Thread class with its priorities. Give suitable example.	04
		2. Explain Dispose and Finalization methods.	03
0.3	(a)	Explain ADO.NET architecture.	07
C	(b)	1. List out dialog boxes and explain FolderBrowserDialog Control in VB.NET.	04
		2. Create a Console application that accepts your name as a command line argument	03
		and display welcome message with your name.	
		OR	
Q.3	(a)	Explain FileUpload Control with suitable example in ASP.NET.	07
	(b)	List out the Validation controls in ASP.NET and explain any two in detail.	07

Q.4	(a)) What is state management? Explain Session and Cookie with suitable example.					
	(b)	1. Explain TryCatchFinally statement in brief with example.	04				
		2. Write short note on GDI+.	03				
		OR					
Q.4	(a)	Fill in the blanks from appropriate option:	07				
		1defines the overall layout of web application.					
		(Style sheets/ Master Page/ Theme)					
		2. Themes are stored infolder of a web application.					
		(App_Data/ App_Browser/ App_Themes)					
		3. Extension of the theme files is (.css/ .skin/ .theme)					
		4helps in building interfaces that include documents, media,					
		2-D and 3-D graphics, animations. (WPF/ WCF/ WF)					
		5 allows us to develop Web applications that contain high-fidelity					
		multimedia content and eye catching visual effects. (Silverlight/ WPF/ AJAX)					
		6 is used to include a namespace in C#. (import/ using/ include)					
		7 symbol is used as the de-referencer operator. (The ~ / The : / The *)					
	(b)	Explain arraylist and hashtable in C#.	07				
	(3)						
Q.5	(a)	Create a webservice to retrieve Venue based on provided century number of Sachin	07				

Q.5 (a) Create a webservice to retrieve Venue based on provided century number of Sachin Tendulkar from given database as shown below. Also write a code to consume mentioned service. e.g. if i/p is 2 then o/p will be Sydney Cricket Ground. Database Name: db_Sachin

Table Name: tbl_Century

Century No.	Score	Against	Venue	Date
1	119*	England	Old Trafford, Manchester	14-Aug-90
2	2 148* Australia Sydney Cricket Ground Syd		Sydney Cricket Ground Sydney	6-Jan-92
3	114	Australia	WACA Ground, PERTH	3-Feb-92

(b) Write short notes on WPF, WCF and WF.

OR

- **Q.5** (a) What is AJAX? Give ASP.Net code to use UpdatePanel control.
 - (b) Explain ActiveX controls with suitable example.

07

07

07