Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER–VII EXAMINATION – SUMMER 2016

Subject Code:171604 Date:05/05/2016

Subject Name:Dot Net Technology (Department Elective - I)

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.**

Q.1	**(a)**	Explain .Net framework architecture with diagram.	**07**
	(b)	What is Dataset? Explain it in brief.	**07**
Q.2	**(a)**	What is Namespace? Discuss classes of System.Collections namespace.	**07**
	(b)	What is the difference between Datagrid, Datalist and Repeater?	**07**
		OR	
	(b)	Explain the following terms: 1. CTS 2. CLR 3. Assembly Manifest 4. GAC 5. Delegate 6. View State 7. Thread	**07**
Q.3	**(a)**	Explain CLR in detail.	**07**
	(b)	Explain ADO.Net architecture.	**07**
		OR	
Q.3	**(a)**	Explain multithreading with suitable example.	**07**
	(b)	Explain viewstate and application with example.	**07**
Q.4	**(a)**	Write a short note on WPF , WCF and WF.	**07**
	(b)	What is inheritance? Explain Inheritance in VB.NET with example.	**07**
		OR	
Q.4	**(a)**	Explain File upload control with example in ASP.net.	**07**
	(b)	Explain arraylist and hashtable in c#.	**07**
Q.5	**(a)**	What is AJAX? Give ASP.net code to use updatepanel control.	**07**
	(b)	Explain TextBox and Imagemap controls with its syntax and example.	**07**
		OR	
Q.5	**(a)**	Explain ActiveX controls with example.	**07**
	(b)	What is method overloading? Explain it in brief with example using c#.	**07**

****