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GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–VII (OLD) - EXAMINATION – SUMMER 2018

Subject Code:171604   **Date:28/04/2018**
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)**	Draw and explain ADO.Net architecture.	**07**
	(b)	What is Namespace? Discuss classes of System. Collections namespace.	**07**
Q.2	**(a)**	Write short notes on WPF, WCF and WF.	**07**
	(b)	Explain Cookie and Application state with example.	**07**
		OR	
	(b)	What is delegate? Explain it with suitable example.	**07**
Q.3	**(a)**	Explain .Net framework architecture with diagram.	**07**
	(b)	Explain CLR in detail.	**07**
		OR	
Q.3	**(a)**	What is the difference between Data grid, Data list and Repeater?	**07**
	(b)	Explain ActiveX controls with suitable example.	**07**
Q.4	**(a)**	Explain Image and List Box controls with its syntax and example.	**07**
	(b)	What is AJAX? Explain Update panel control.	**07**
		OR	
Q.4	**(a)**	What is Dataset? Explain it in brief.	**07**
	(b)	Explain the architecture of Silver light.	**07**
Q.5	**(a)**	Differentiate the following terms: 1. ASP and ASP.NET 2. Boxing and Unboxing	**07**
	(b)	Explain Dispose and Finalization methods.	**07**
		OR	
Q.5	**(a)**	Explain the multithreading with suitable example.	**07**
	(b)	What is inheritance? Explain it in brief with suitable example using vB.Net.	**07**

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