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

Subject Code: 170707   **Date: 15/11/2018**

Subject Name: Advance .Net Technology

Time: 10:30 AM TO 01:00 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 neat and clean diagram of .NET framework. Explain its important components.	**07**
	(b)	Explain syntax of inheritance and constructor in VB.NET.	**07**
Q.2	**(a)**	What do you mean by structured error handling? Give proper example.	**07**
	(b)	List out String Manipulation Functions? Explain any five of them?	**07**
		OR	
	(b)	Explain event handling mechanism in windows form.	**07**
Q.3	**(a)**	Explain following terms in ASP .NET with suitable examples. 1. Postback and Viewstate 2. Code Behind	**07**
	(b)	What is validation control in ASP.NET? Explain any two validation control with its syntax.	**07**
		OR	
Q.3	**(a)**	Explain the concept of master pages in ASP .NET.	**07**
	(b)	What is data binding? Explain data bound controls.	**07**
Q.4	**(a)**	Explain ADO.NET Architecture.	**07**
	(b)	Give differences between Session object and cookies.	**07**
		OR	
Q.4	**(a)**	Enlist various classes of ADO. Net which are used for database interaction.	**07**
	(b)	Write a sample code in C#.Net for dataset and data reader.	**07**
Q.5	**(a)**	Write a program to generate divide by zero exception and also handle this exception.	**07**
	(b)	Write a short note on WPF.	**07**
		OR	
Q.5	**(a)**	Explain concept of creating and applying Theme in ASP.NET.	**07**
	(b)	Explain AJAX Controls.	**07**

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