GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–VII (Old) EXAMINATION – WINTER 2019

Subject Code: 170707   **Date: 23/11/2019**

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)**	What do you mean by "Unsafe code"? Explain it with example.	**07**
	(b)	Explain CLS & CTS.	**07**
Q.2	**(a)**	Write a note on .NET framework.	**07**
	(b)	Explain various types of dialogs.	**07**
		OR	
	(b)	Explain Event and Delegate with Example in C#.	**07**
Q.3	**(a)**	What is structured error handling? Explain it in details and create VB. Net console application to find division of two numbers. Also handle DivideByZeroException.	**07**
	(b)	Explain the syntax of loops in VB .NET with suitable example.	**07**
		OR	
Q.3	**(a)**	What is indexer? Differentiate it with property. Explain it with suitable example.	**07**
	(b)	Explain ActiveX control and custom control.	**07**
Q.4	**(a)**	Create a console application in VB.NET which demonstrates inheritance.	**07**
	(b)	Explain GDI+ application development with example.	**07**
		OR	
Q.4	**(a)**	Explain architecture of ADO .NET.	**07**
	(b)	What is Theme? Create skin file to format various controls and give code to apply theme in ASP.Net webpage.	**07**
Q.5	**(a)**	What is validation in web development? Explain various Controls for validation in APS.NET with Example.	**07**
	(b)	List out data-bound control. Explain Repeater control with example.	**07**
		OR	
Q.5	**(a)**	Discuss the concept of Master page in ASP .NET.	**07**
	(b)	What is WPF? Explain it in details with all its features	**07**

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