

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI(NEW) – EXAMINATION – SUMMER 2019****Subject Code:2160711****Date:21/05/2019****Subject Name:.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.

		MARKS
Q.1	(a) Draw neat and clean diagram of .NET framework.	03
	(b) Explain the importance of MSIL? Which tool is used to compile the IL language?	04
	(c) What is Namespace? Write a short note on Namespaces.	07
Q.2	(a) Differentiate Managed and Unmanaged Code in .Net Framework.	03
	(b) Explain Constructor and Destructor with example.	04
	(c) Create a console application in C# which demonstrates inheritance. Is multiple inheritance supported in C#? Justify.	07
	OR	
	(c) What is Structured Error Handling in C#.NET? Explain with proper example.	07
Q.3	(a) List out various windows form controls. Explain any two.	03
	(b) Explain the use of StreamReader and StreamWriter class for FileStream with example.	04
	(c) Write a C# program which creates windows form with two List Boxes listBox1, listBox2, and button named Transfer. When button is clicked it should transfer all items from listBox1 to listBox2.	07
	OR	
Q.3	(a) Write a Windows Form Program to display “Welcome to GTU” in message box when you click on a button.	03
	(b) What is Delegate? Explain in brief.	04
	(c) What is Indexer? Write a code snippet showing use of indexer.	07
Q.4	(a) Differentiate between connected and disconnected data access.	03
	(b) Enlist Validation controls in ASP.NET and explain any two controls with proper example.	04
	(c) Write an ADO .NET program which shows records from student_master(rollno, name, email, city, phone) on a Windows form in DataGridView control.	07
	OR	
Q.4	(a) Write a short note on MDI form in C#.NET	03
	(b) List and explain important classes of ADO .NET	04
	(c) Explain Page Life Cycle of ASP.NET.	07
Q.5	(a) What is the use of GDI+?	03
	(b) What is View State? Explain with example.	04
	(c) What is Cookies and Session? How to create Cookies and Session? Explain with its syntax and write ASP.NET program to illustrate the concept of Cookies and Session.	07

OR

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| Q.5 | (a) | What is WPF? Explain in brief. | 03 |
| | (b) | Enlist and explain the steps to consume a Web service. | 04 |
| | (c) | Write code to create an ASP.NET page that displays Advertisement using Adrotator control. | 07 |
