

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE- SEMESTER-VI (NEW) EXAMINATION – WINTER 2020****Subject Code:2160711****Date:01/02/2021****Subject Name:.Net Technology****Time:02:00 PM TO 04:00 PM****Total Marks: 56****Instructions:**

1. Attempt any FOUR questions out of EIGHT questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

		MARKS
<b>Q.1</b>	(a) What is the importance of web.config file in web application?	<b>03</b>
	(b) Explain Namespace with example.	<b>04</b>
	(c) Explain function overloading with example.	<b>07</b>
<b>Q.2</b>	(a) Explain Garbage Collection in .NET.	<b>03</b>
	(b) Explain any four windows form controls.	<b>04</b>
	(c) Explain .net framework architecture with its features.	<b>07</b>
<b>Q.3</b>	(a) Explain compilation process of .NET program.	<b>03</b>
	(b) Differentiate ADO and ADO.NET.	<b>04</b>
	(c) Explain Error Handling in C# with example.	<b>07</b>
<b>Q.4</b>	(a) Explain ASP.NET page life cycle.	<b>03</b>
	(b) Differentiate Managed and Unmanaged Code in .Net Framework.	<b>04</b>
	(c) What is validation in web application? List ASP.NET validation controls and explain any three with example.	<b>07</b>
<b>Q.5</b>	(a) What is .NET assembly? Explain in brief.	<b>03</b>
	(b) What is Delegate? Explain in brief.	<b>04</b>
	(c) Differentiate Array and Array List in .Net with example in C#.Net. Explain various methods of Array List.	<b>07</b>
<b>Q.6</b>	(a) What is GDI+?	<b>03</b>
	(b) Explain use of Master Page in ASP.NET with example.	<b>04</b>
	(c) What is web service? Create a web service to add two numbers. Also give code to consume it.	<b>07</b>
<b>Q.7</b>	(a) Explain ExecuteNonQuery method for command object.	<b>03</b>
	(b) Explain View State with example.	<b>04</b>
	(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.	<b>07</b>
<b>Q.8</b>	(a) Explain CLR and CTS.	<b>03</b>
	(b) What is dll hell problem? Discuss the solution of dll hell problem in .NET.	<b>04</b>
	(c) Explain WPF in details.	<b>07</b>

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