

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-VI (NEW) - EXAMINATION – SUMMER 2017****Subject Code: 2160711****Date: 08/05/2017****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.

		<b>MARKS</b>
<b>Q.1</b>	<b>Short Questions</b>	<b>14</b>
1	_____ defines the overall layout of the web application (a) Stylesheet (b) Theme (c) Master Page	
2	Themes are stored in which folder of Web Application? (a) App_Data (b) App_Themes (c) App_Browsers (d) App_Code	
3	Which of the following is a global application file? (a) Web.config (b) Master Page (c) CSS file (d) Global.asax	
4	The process of executing multiple versions of an application or a component on a computer is known as (a) Side by Side Execution (b) Code Compilation (c) Managed Execution (d) Versioning	
5	Which of the following assemblies can be stored in Global Assembly Cache? (a) Private Assemblies (b) Friend Assemblies (c) Protected Assemblies (d) Shared Assemblies	
6	DataSet can store only a single table (True/False).	
7	Which property is used to make a Form to be MDI Form?	
8	We can overload indexer. (True/False). Justify.	
9	You can force the garbage collector to do clean up by calling the _____ method	
10	What is an IL?	
11	What is full form of GAC?	
12	Which namespace needs to be imported for using Brush, Pen and Color?	

- 13 \_\_\_\_\_ Brush provides different preset patterns to select from. 03
- 14 \_\_\_\_\_ State is used to store data corresponding to all variables of ASP.NET Web Application irrespective of users. 07
- Q.2** (a) What is End to DLL Hell? 03  
 (b) What is GDI+? 04  
 (c) Write a C# program which creates windows form with one Button, Textbox. When button is clicked it should display Color Dialog Box. When a color is selected from the dialog box, it should be set as background color of the text box. 07
- OR**
- (c) Explain the significance of Property and Indexers with example. 07
- Q.3** (a) Define Namespace with example 03  
 (b) Write a C# program to generate divide by zero exception and also handle this exception. 04  
 (c) Explain the concept of master pages in ASP.NET with example. 07
- OR**
- Q.3** (a) Explain structured Exception Handling with example 03  
 (b) Write a C# program to copy data from one file to another using StreamReader and StreamWriter class. 04  
 (c) Draw and explain ADO.NET architecture in detail. 07
- Q.4** (a) List out various windows form controls. Explain any three of it. 03  
 (b) Write a program to change width of a textbox control programmatically in asp.net 04  
 (c) Explain various Validation controls for ASP.NET with example 07
- OR**
- Q.4** (a) What is View State? Explain with example. 03  
 (b) Explain in brief ASP .NET Page Life cycle. 04  
 (c) Explain usage of following ADO.Net objects with their methods. 07  
 1) SqlDataAdapter  
 2) SqlCommand object  
 3) Dataset
- Q.5** (a) What is cookieless Session ID? Explain in brief. 03  
 (b) Write a C# code to bind data from given table to Combobox Control using DataAdapter. 04  
 Table : Student (EnrollmentNo , Name)  
 (c) What is webservice? Create a web service to add two numbers. Also give code to consume it. 07
- OR**
- Q.5** (a) Write a C# code to count "Number of Visits" of a web page by a user using ViewState. 03  
 (b) Explain AdRotator Control with example. 04  
 (c) What is state management? Explain Session and Cookie with suitable example. 07

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