

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – WINTER 2018****Subject Code:2160711****Date:04/12/2018****Subject Name:.Net Technology****Time: 02:30 PM TO 05:00 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) Explain .net program compilation process in detail. **03**
(b) Explain DLL Hell problem with solution. **04**
(c) Explain .net framework architecture with features. **07**

- Q.2** (a) Explain structured error handling in C#. **03**
(b) Write a short note on Namespaces. **04**
(c) Write a C# program console application to define shape class and derive circle and rectangle from it to demonstrate inheritance. **07**

OR

- (c) Explain function overloading with example. **07**
Q.3 (a) Explain any three windows form controls. **03**
(b) Write a C# code to bind data to DataGrid for the given table. **04**
Table: Product (ItemId , ItemName, Quantity, Itemrate , Amount).
(c) What is Disconnected architecture in ADO.NET? Explain following objects of ADO.NET : SqlConnection, SqlDataAdapter, SqlCommand. **07**

OR

- Q.3** (a) Explain ExecuteNonQuery method for command object. **03**
(b) Explain the difference between ADO and ADO.NET. **04**
(c) Write a C# code to insert data into sql server database for the given table. **07**
Table: Product (ItemId , ItemName, Quantity, Itemrate , Amount).

- Q.4** (a) Explain the termsPostBack , Code Behind , Viewstate. **03**
(b) Explain GDI+ in detail. **04**
(c) What is Dialog? Explain FolderBrowserDialog, OpenFileDialog and FontDialog in detail. **07**

OR

- Q.4** (a) Explain ASP.NET page life cycle. **03**
(b) What is state management? Explain session concept in web applications. **04**
(c) Explain various ASP.NET validation controls. **07**

- Q.5** (a) Explain the concept of cookies in ASP.NET. **03**
(b) Write ASP.NET code to rotate advertisements with Adrotator control. **04**
(c) Write a short note on WPF **07**

OR

- Q.5** (a) Explain WCF instancing services. **03**
(b) Explain the concept of Master Page in ASP.NET **04**
(c) What is web service? Create a web service to add two numbers. Also give code to consume it. **07**
