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. Table: Product (ItemId , ItemName, Quantity, Itemrate , Amount).	**04**
	(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. Table: Product (ItemId , ItemName, Quantity, Itemrate , Amount).	**07**
Q.4	**(a)**	Explain the terms PostBack , 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**

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