

GUJARAT TECHNOLOGICAL UNIVERSITY**BE- VIIth SEMESTER-EXAMINATION – MAY/JUNE- 2012****Subject code: 170707****Date: 29/05/2012****Subject Name: Advance .Net Technology****Time: 02:30 pm – 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.
4. If language of code is not specified, then you can use either C# or VB.NET

- Q.1** (a) Explain important of Intermediate Language? Which tool is used to compile the IL language? **07**
- (b) Write a simple VB.NET class having a button on form and inherit the same class in C#. Show the entire procedure including compilation steps. **07**
- Q.2** (a) Explain Assembly structure. Write a code for create Shared Assembly and store the assembly in GAC using tool. **07**
- (b) Explain Dispose and Finalization. Also explain garbage collection in brief. **07**
- OR**
- (b) Explain ListBox control of Windows Form with example. Major functionality of ListBox class should be used/ **07**
- Q.3** (a) What is Indexer? Write a code snippet showing use of DataReader as indexer. **07**
- (b) Explain the use of StreamReader and StreamWriter class for FileStream. **07**
- OR**
- Q.3** (a) Write a code showing use of DataSet class. Show the use of CommandBuilder class. **07**
- (b) What is Delegate? Give example of Multicast delegate with limitation of it. **07**
- Q.4** (a) Explain Page Life Cycle of ASP.NET. **07**
- (b) Demonstrate the Master Page and Theme concept of ASP.NET. **07**
- OR**
- Q.4** (a) Write a web application demonstrating use of session and cookie with proper example. **07**
- (b) Enlist Validation controls and explain how to use these controls with proper example. **07**
- Q.5** (a) What is GDI+? Give example showing use of GDI+. **07**
- (b) Enlist various DataSource and Databound controls along with their use. **07**
- OR**
- Q.5** (a) Explain in detail: Web service architecture. **07**
- (b) Explain ABC of WCF (windows Communication Foundation). Write a simple client server program showing use of WCF Service. **07**
