

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-VII EXAMINATION – WINTER 2015

Subject Code: 170707**Date: 04/12/2015****Subject Name: Advance .NET Technology****Time: 10:30am to 1:00pm****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) Draw neat and clean diagram of .NET framework. Explain its important components. **07**
- (b) Explain syntax with respect to VB .NET **07**
1. If-else
 2. Switch case
- Q.2** (a) Write a short note on Namespaces. **07**
- (b) What is the use of “inherits” keyword in VB .NET? Give example. **07**
- OR**
- (b) Explain usage of constructor in VB .NET. **07**
- Q.3** (a) Explain concept of event handling in windows forms. **07**
- (b) What do you mean by managed provider? How managed provides are supported in ADO .NET. **07**
- OR**
- Q.3** (a) List and explain new features of ADO .NET. **07**
- (b) Explain concept of delegates in C#. **07**
- Q.4** (a) Explain usage of following properties of Page class in ASP .NET **07**
1. isValid
 2. isPostBack
- (b) Answer following with respect to ASP .NET page. **07**
1. Which server is needed to run Page?
 2. What is the default root directory?
 3. How to view output of page?
- OR**
- Q.4** (a) List out various events of ASP .NET page life cycle. Explain any two in detail. **07**
- (b) Write a note on Master Page in ASP .NET **07**
- Q.5** (a) Write a program to generate divide by zero exception and also handle this exception. **07**
- (b) Write ASP .NET program to demonstrate various validation controls. **07**
- OR**
- Q.5** (a) Write console based program to print following pattern. **07**
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- (b) Write a program to demonstrate usage of skins in ASP .NET **07**
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