

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BE - SEMESTER- VII (OLD) • EXAMINATION – SUMMER 2018**

**Subject Code: 170707****Date: 28-04-2018****Subject Name: Advance .Net Technology (Department Elective-I)****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) Discuss .Net framework with its components. **07**  
(b) Explain syntax of inheritance and constructor in VB.NET. **07**
- Q.2** (a) What is exception? Explain try, catch and finally with respect to exception handling. **07**  
(b) What is validation control in ASP.NET? Explain any two validation control with its syntax. **07**
- OR**
- (b) What is namespace? Explain its importance in detail. **07**
- Q.3** (a) How to use cookies and sessions objects in ASP.NET? **07**  
(b) What is Masterpage? Write syntax to create masterpage in ASP.NET. **07**
- OR**
- Q.3** (a) Illustrate concept of method overriding in VB.NET with example. **07**  
(b) What is data binding? Explain data bound controls. **07**
- Q.4** (a) Explain ADO.NET in detail. **07**  
(b) Write a console based program to reverse a given input string. **07**
- OR**
- Q.4** (a) How to pass values from one windows form to another? Explain with example. **07**  
(b) Write a sample code in C#.Net for dataset and data reader. **07**
- Q.5** (a) Write a short note on WPF. **07**  
(b) What is web service? Explain how to create and use it. **07**
- OR**
- Q.5** (a) Explain concept of creating and applying Theme in ASP.NET. **07**  
(b) What is AJAX? Explain various AJAX controls. **07**

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