

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII (OLD) EXAMINATION – SUMMER 2019

Subject Code: 170707

Date: 10/05/2019

Subject Name: Advance .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) What is .Net Framework architecture ? Explain with diagram. **07**
(b) Give Full form of the followings and explain the functions of each. **07**
1. MSIL 2. CLR 3. CTS 4. CLS 5. ADO 6. XML 7. WPF
- Q.2** (a) Explain ADO.NET architecture. **07**
(b) List out the Validation controls in ASP.NET and explain any two in detail. **07**
- OR**
- (b) What is the use of “inherits” keyword in VB .NET? Give example. **07**
- Q.3** (a) Explain the concept of master pages in ASP.NET with example. **07**
(b) What is Cookie and Session ? Explain with example. **07**
- OR**
- Q.3** (a) Explain Boxing and Unboxing with suitable example. **07**
(b) Explain FOR EACH statement in VB.Net with suitable example. **07**
- Q.4** (a) What is Dialog? Explain following Dialogs with its usage. **07**
1) Folder Browser Dialog 2) Open File Dialog 3) Color Dialog 4) Save Dialog
(b) Explain Data Sets and Data Binding related to ADO.NET Technology. **07**
- OR**
- Q.4** (a) What is Debugging and Error Handling in Dot Net Technology? Explain with proper example. **07**
(b) What is SqlDataReader ? Explain it with relevant example. **07**
- Q.5** (a) What is ADO.NET Technology ? Give the difference between ADO and ADO.NET. **07**
(b) Explain TextBox and ImageMap controls with its syntax and example. **07**
- OR**
- Q.5** (a) Explain Image and ListBox controls with its syntax and example **07**
(b) Explain usage of following ADO.NET objects with their methods. **07**
1) SqlDataAdapter
2) SqlCommand object
3) Dataset
