



GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII (OLD) - EXAMINATION – SUMMER 2018

Subject Code:171604

Date:28/04/2018

Subject Name:Dot 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) Draw and explain ADO.Net architecture. **07**
- (b) What is Namespace? Discuss classes of System. Collections namespace. **07**
- Q.2** (a) Write short notes on WPF, WCF and WF. **07**
- (b) Explain Cookie and Application state with example. **07**
- OR**
- (b) What is delegate? Explain it with suitable example. **07**
- Q.3** (a) Explain .Net framework architecture with diagram. **07**
- (b) Explain CLR in detail. **07**
- OR**
- Q.3** (a) What is the difference between Data grid, Data list and Repeater? **07**
- (b) Explain ActiveX controls with suitable example. **07**
- Q.4** (a) Explain Image and List Box controls with its syntax and example. **07**
- (b) What is AJAX? Explain Update panel control. **07**
- OR**
- Q.4** (a) What is Dataset? Explain it in brief. **07**
- (b) Explain the architecture of Silver light. **07**
- Q.5** (a) Differentiate the following terms: **07**
1. ASP and ASP.NET
 2. Boxing and Unboxing
- (b) Explain Dispose and Finalization methods. **07**
- OR**
- Q.5** (a) Explain the multithreading with suitable example. **07**
- (b) What is inheritance? Explain it in brief with suitable example using vB.Net. **07**
