GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII (OLD) - EXAMINATION - SUMMER 2017

Subject Code: 171604 Date: 29/04/2017 **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. **07** Explain .Net framework architecture with diagram. 0.1 (a) **(b)** What is Namespace? Discuss classes of System. Collections namespace. 07 Write short notes on WPF, WCF and WF. **Q.2** (a) 07 **07 (b)** Explain ActiveX controls with suitable example. 07 **(b)** What is delegate? Explain it with suitable example. 07 Draw and explain ADO.Net architecture. Q.3 (a) 07 **(b)** Explain CLR in detail. OR 07 0.3 Explain the multithreading with suitable example. (a) Explain Cookie and Application state with example. **07 (b)** 07 0.4 (a) Explain Image and ListBox controls with its syntax and example. What is AJAX? Explain Updatepanel control. **(b) 07** OR **Q.4** What is DataSet? Explain it in brief. 07 (a) **07 (b)** Explain the architecture of Silver light. 07 0.5 Differentiate the following terms: (a) 1. ASP and ASP.NET 2. Boxing and Unboxing 07 **(b)** Explain Dispose and Finalization methods. **07 Q.5** What is the difference between Datagrid, Datalist and Repeater? (a) What is inheritance? Explain it in brief with suitable example using vB.Net. 07 **(b)**
