

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**DIPLOMA ENGINEERING – SEMESTER – V-EXAMINATION – WINTER 2015**

**Subject Code: 351601**

**Date: 19/12/2015**

**Subject Name: Windows Programming With Vb.net**

**Time: 10:30 AM TO 1:00 PM**

**Total Marks: 70**

**Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Each question carry equal marks (14 marks)

- Q.1** (a) Explain .NET Framework architecture. **07**  
(b) List different control structure of a VB.NET and Explain select –Case with Example. **07**
- Q.2** (a) Explain different data type available in VB.NET. **07**  
(b) List different Operator available in VB.NET Explain any two. **07**  
OR  
(b) Explain Function overloading with Example. **07**
- Q.3** (a) Differentiate Function and Procedure and Explain any one with example. **07**  
(b) Explain call by value and call by reference with example. **07**  
OR
- Q.3** (a) what is property? Explain different types of property. **07**  
(b) what is Exception handling? Explain Exception class properties. **07**
- Q.4** (a) Create Notepad type application using Rich textbox control. **07**  
(b) What is constructor? Explain any two type of constructor. **07**  
OR
- Q.4** (a) Explain Inheritance with example. **07**  
(b) Write a console application to Implement Arithmetic calculator using select-case. **07**
- Q.5** (a) What is ADO.NET? Explain ADO.NET Data Architecture. **07**  
(b) What is Data binding Controls? Explain different Data binding Controls. **07**  
OR
- Q.5** (a) Explain Interface fundamental. **07**  
(b) Explain Command object with property's and Methods. **07**

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