

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-V • EXAMINATION – SUMMER 2013

Subject Code: 150706**Date: 23-05-2013****Subject Name: Visual Basic Applications and Programming (Institute Elective II)****Time: 10:30 pm to 01:00 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) List various advantage of Visual Basic programming. **07**
 (b) What is macro? How can we add VBA code with macro? **07**
- Q.2** (a) What is event? How can events are triggered? How can we handle events using VB? **07**
 (b) Explain code stepping in detail. **07**
- OR**
- (b) What is constant variable? How can we create constant variable in VB? What is the scope of constant variable? **07**
- Q.3** **Explain following terms** **14**
 Code window, breakpoint, object browser, project explorer, properties window, block commenting, immediate window
- OR**
- Q.3** (a) What is role of array in programming? Explain static and dynamic array of VB with the help of example **07**
 (b) List various data types and memory usage of them in VB. **07**
- Q.4** (a) Explain use and syntax of Select...case statement in VB. **07**
 (b) What is loop? Explain syntax of various types of loops in VB. **07**
- OR**
- Q.4** (a) Compare Function and Procedure. How can we create them in VB? **07**
 (b) What is database? How can we interact with database using VB? **07**
- Q.5** (a) How can we handle runtime errors in VB? Explain your answer with help of example. **07**
 (b) How can we interact with user in VB? List various control objects used for designing form? **07**
- OR**
- Q.5** (a) Explain input box and message box with its application. **07**
 (b) What is Frame object? How an we use it in VB? **07**
