

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER– V • EXAMINATION – WINTER 2016

Subject Code: 150706

Date: 29/11/2016

Subject Name: Visual Basic Application & Programming

Time: 02:30PM – 05:00PM

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 VBA? Explain the advantages of VBA. **07**
(b) Answer the following: **07**
1. What is a macro? Explain the limitations of a macro.
2. Give an example stating application of Macro.
- Q.2 (a)** Explain debugging and give difference between step into and step over. **07**
(b) Compare Check Box and Option Box with example. **07**
- OR**
- (b)** Explain Immediate Window and Breakpoints with figure. **07**
- Q.3 (a)** What is the role of events in Windows and How events are triggered? Explain with example **07**
(b) Design an application to perform the +, -, * & / Operations. **07**
- OR**
- Q.3 (a)** Design an application which makes use of timer. **07**
(b) Define following terms with example. 1. LostFocus event 2. SetFocus event **07**
- Q.4 (a)** How to add an item/value into the list box? Which methods are used to remove Item and to clear the list box? **07**
(b) What is property window? Explain 2 properties of the following 3 controls **07**
1. Label 2. Command Button 3. Textbox
- OR**
- Q.4 (a)** Explain message box and input box with example. **07**
(b) How to create MDI form? Explain with figure. **07**
- Q.5 (a)** Explain Common dialog box control with example. **07**
(b) Explain Addnew, Update and Delete Method of ADO Recordset with Example? **07**
- OR**
- Q.5 (a)** How to protect VBA code using password. **07**
(b) Explain the following terms with example **07**
(1) RecordSet (2) EOFAction (3) Data Source (4) ADO
