

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-V (OLD) EXAMINATION – WINTER 2018

Subject Code:150706

Date: 07/12/2018

Subject Name: Visual Basic Application & Programming

Time: 10:30 AM 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) What is VBA? State the Difference between VB & VBA **07**
(b) How Do...While loop is executed ?Explain in Brief With Example **07**
- Q.2** (a) Explain configuration Macro security setting in detail. **07**
(b) Explain different types of Operators with example. **07**
- OR**
- (b) Explain following : **07**
[i] On Error Go To Label
[ii] On Error Go To 0
- Q.3** (a) VBA is not a true object oriented programming language- justify. Also Explain following OOP properties in detail: **07**
[1] encapsulation
[2] polymorphism
(b) Explain need of adding ActiveX control. Also discuss how ActiveX created once can be used in different projects. **07**
- OR**
- Q.3** (a) Define following: **07**
[1] Database Management system
[2] Primary key
(b) Explain code window , property window and object browser in visual basic **07**
- Q.4** (a) Explain various control structure used in VBA with suitable example **07**
(b) Compare property of Check box and option button with suitable example **07**
- OR**
- Q.4** (a) Write a VBA code which accepts 10 numbers in an array and displays the count of even and odd numbers in the array **07**
(b) Write a note on fixed arrays and dynamic arrays. **07**
- Q.5** (a) 1. Write a VBA code using Select-Case statement that displays the day of the week depending on the value of an integer variable. **07**
(b) What is a timer control? State the properties and events of timer control with the help of example. **07**
- OR**
- Q.5** (a) Accept the enrollment number, name and marks of all subjects of semester 7 in textboxes and display the total, percentage. **07**
(b) What is Procedure? Define the scope of private and public procedure with example **07**
