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 : [i] On Error Go To Label [ii] On Error Go To 0	**07**
Q.3	**(a)**	VBA is not a true object oriented programming language- justify. Also Explain following OOP properties in detail: [1] encapsulation [2] polymorphism	**07**
	(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: [1] Database Management system [2] Primary key	**07**
	(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**

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