GUJARAT TECHNOLOGICAL UNIVERSITY

B.E. Sem-Vth Examination December 2010

Subject code: 150706

Subject Name: Visual Basic Applications and Programming

Date: 21 /12 /2010   Time: 03.00 pm - 05.30 pm

Instructions: Total Marks: 70

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	**03**
	(b)	Define Array.Explain Fixed and Dynamic Array with example.	**04**
	(c)	How the variable is declare and discribe the different types of Variables with example	**07**
Q.2	**(a)(i)**	How Do…While loop is executed ?Explain in Brief With Example	**04**
	(ii)	Explain following properties of Listbox control:	
		1. List count	**01**
		2. Multiselect	**01**
		3. ListIndex	**01**
	(b)	What are Events? Explain Mouse Event in brief with example.	**07**

OR

	(b)	Explain configuration Macro security setting in detail.	**07**
Q.3	**(a)**	Write step for creating and executing Macros	**04**
	(b)	What is Procedure? Define the scope of private and public procedure with example	**07**
	(c)	Write a program to enter the year and check whether it is leap year or not.	**03**

OR

Q.3	**(a)**	What is command bar? Explain Brief to create menu bar and explain how to create shortcut keys in menu.	**07**
	(b)	Explain the Four different types of Operators with example.	**04**
	(c)	Write common Method for control.	**03**
Q.4	**(a)**	Write a VB Program to implement Standard Calculator.	**07**
	(b)	How to create a new document in VBA?	**04**
	(c)	Explain Frame control with its different properties.	**03**

OR

Q.4	**(a)**	A form has File Handling Controls to view Picture file name from a path of drive and folder one picture box to display selected Picture file. Write appropriate program for this application	**07**
	(b)	Explain the following function with example	
		1. ABS()	**02**
		2. MOD()	**02**
		3. IsDate()	**02**
		4. LCase()	**01**
Q.5	**(a)**	Write a procedure to access the database using ActiveX control	**07**
	(b)	Discuss the following:	
		1. Property window	**01**
		2. Object Browser	**01**
		3. Break Points	**01**
	(c)	Explain Timer Control with its properties	**04**

OR

Q.5	**(a)**	Define function.How to pass arguments in function?	**04**
	(b)	Describe MSGBOX() and INPUTBOX() with example	**03**
	(c)	Explain Error Handling .	**07**

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