

GUJARAT TECHNOLOGICAL UNIVERSITY
B.E SEM-V Examination-Nov/Dec.-2011

Subject code: 150706**Date: 03/12/2011****Subject Name: Visual Basic Applications and Programming****Time: 02.30 pm-05.00 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) (1) What is VBA? Give advantages of VBA. 4
(2) Explain the following:- 3
(i) record macro
(ii) run macro
(iii) delete macro
- (b) (1) Explain intellisense property with example. 3
(2) Write steps to create macro in VBA that displays a 4
Hello World message in message box. Also write code
for it.

- Q.2** (a) Define the term event. Explain how events are triggered. 6

OR

- (a) Explain public, private and static 6
(b) Explain debugging and give difference between step into 4
and step over.
(c) Explain fixed array and dynamic array with example. 4
- Q.3** (a) Write a program to accept percentage from user and print 7
output.

Percentage	Class
0 to 35	Fail
36 to 59	Second
60 to 74	First
75 and above	Distinction

- (b) With syntax explain Do-Loop and For-Next Loop. 4
(c) Write a program using procedure to perform addition and 3
subtraction of two numbers.

OR

- Q.3** (a) Explain the following controls- 6
(i) Label
(ii) Textbox
(iii) Frame
(iv) Command button
- (b) Explain message box and input box in brief. 4
(c) Discuss property window and toolbox in brief. 4

Q.4	(a) State differences between	8
	(i) List box and combo box	
	(ii) Check box and option button	
	(b) Write steps for accessing database in VBA	6
	OR	
Q.4	(a) Explain the following controls-	8
	(1) Tabstrip	
	(2) Mutipage	
	(3) Scrollbar	
	(4) Spin button	
	(b) Explain how to create menu bar.	6
Q.5	(a) Define the term digital signature and explain how to apply digital signature to macro.	07
	(b) How to protect VBA code using password.	07
	OR	
Q.5	(a) Explain the dangers of macro virus.	07
	(b) Explain resume, resume next and resume label in brief.	07
