

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**

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