

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 Hello World message in message box. Also write code for it. | 4 |

- 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 and step over. | 4 |
| | (c) | Explain fixed array and dynamic array with example. | 4 |
| Q.3 | (a) | Write a program to accept percentage from user and print output. | 7 |

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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