

GUJARAT TECHNOLOGICAL UNIVERSITY**BE- Vth SEMESTER-EXAMINATION – MAY/JUNE - 2012****Subject code: 150706****Date: 07/06/2012****Subject Name: Visual Basic Application 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) (i) Which are the functionalities of VBA? Explain All in details? **05**
 (ii) Give a short note on Event-Driven Programming? **02**
 (b) Explain All the VBA operators, its precedence in details with examples? **07**

- Q.2** (a) (i) Explain the Working of Range Object in VBA code for Excel Application? **05**
 (ii) Explain Check Box and Option Box. **02**
 (b) List out all the Date and Time Functions. Explain any seven functions in details with examples? **07**

OR

- (b) List out all the Math Functions. Explain any seven functions in details with examples? **07**

- Q.3** (a) (i) Explain Multi-Dimension Array and Dynamic Array with examples? **05**
 (ii) List out all methods of MailItem Object for E-mail Messages? **02**
 (b) Explain the Handling of Incoming and Outgoing message using ItemAdd and ItemSend methods with example? **07**

OR

- Q.3** (a) (i) Explain CreateObject method with its all Application Name and Object Type? **05**
 (ii) Write all cursor type and Lock types of Recordset in ADO database connection? **02**
 (b) Explain OPEN method with syntax of ADO recordset in details? **07**

- Q.4** (a) Explain Do...Loop and While...Wend in details with examples? **07**
 (b) Explain On Error statement in details with examples? **07**

OR

- Q.4** (a) Explain For...Next, For Each...Next and If...End if conditions with examples? **07**
 (b) Explain MsgBox and InputBox in details with Examples? **07**

- Q.5** (a) (i) What is the Private and Public Procedures? Explain its Scope and syntax with examples? **05**
 (ii) Explain Selection Object in Word Application? **02**
 (b) Explain all the following methods of DOCUMENT Objects of word Application in details? [Add, New, Open, Close, Save, SaveAs] **07**

OR

- Q.5** (a) (i) What is the Function? Explain in details with examples? **05**
 (ii) Explain Range Object in Word Application? **02**
 (b) Explain Addnew, Update and Find Method of ADO Recordset with Example? **07**
