## Seat No.: Enrolment No. **GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-V • EXAMINATION - WINTER • 2014** Subject Code: 150706 Date: 08-12-2014 Subject Name: Visual Basic Application and Programming Time: 10.30 am - 01.00 pm **Total Marks: 70 Instructions:** 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. 0.1 **(a)** What are the various types of applications we can be developed using Visual 07 Basic? **(b)** Write a note on Macro in Visual Basic? 07 Explain Break Point, properties window and object browser in Visual Basic. **O.2** 07 (a) Write a Visual Basic application to implement animation of traffic signal. 07 **(b)** OR (b) Explain event in VB? How can we do event driven programming in VB? 07 Explain with the help of example. 0.3 **(a)** With the help of example explain various control structures used in visual basic 07 programming. Differentiate procedure and function in VB. **(b)** 07 OR How datatype conversion is done in VB? List and explain all data 0.3 07 (a) conversion functions. **(b)** How can we access database using ADODB? Write steps for database 07 connectivity. **0.4** (a) Compare and list properties of textbox and label. 07 What is Frame? How can we use them in VB programming? Give an 07 **(b)** example. OR What is Error? Explain run time error. Also explain how run time errors can **Q.4** (a) 07 be handled in VB. What is array? How can we use dynamic array in VB? 07 **(b)** Q.5 Write a short note on any two 14 (a) Data types and constants in VB (b) CommandBar Object (c) List and Combobox

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