

GUJARAT TECHNOLOGICAL UNIVERSITY**Diploma Semester -IV Remedial Examination December - 2010****Subject code: 340703****Subject Name: Visual Basic****Date: 14 /12 /2010****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.
4. English version is Authentic

- Q.1** (a) Distinguish: Procedural Languages Vs Event Driven Languages **03**
 (b) Define: Method, Property **04**
 (c) List different types of modules available in Visual Basic. Explain life cycle of a form module. **07**
- Q.2** (a) Explain important properties, methods and events of TextBox control. **07**
 (b) Design a form and have one locked textbox with text “Gujarat Technological University”. Write a code to change the font color of text (green, blue, red) and font style of label (bold, italic, underline). **07**
- OR**
- (b) Design a form with one text box, 2 listboxes and two command buttons captioned Add, Move. Write a code to add an item to a list box from textbox when user clicks Add button, move an item from a listbox to another listbox when user clicks move button. **07**
- Q.3** (a) What is an array? Explain how to use fixed size array and dynamic array in visual basic. **07**
 (b) Explain file system controls of Visual Basic. **07**
- OR**
- Q.3** (a) Explain following functions of Visual Basic: Ucase, Day, Mid, Instr **08**
 (b) Explain debug object. Explain print and assert method of debug object. **06**
- Q.4** (a) Define an event. Explain following terms with respect to visual basic. Interval, Timer, Option Explicit. **07**
 (b) What is menu? Write steps to create a menu in visual basic. Also explain how to popup a menu. **07**
- OR**
- Q. 4** (a) Explain datalist and datagrid control with an example. **07**
 (b) Explain SelectCase and For Each....Next structure of Visual Basic. **07**
- Q.5** (a) Illustrate with an example to design a report using data environment designer in Visual basic. **07**
 (b) Design a form in Visual Basic which reads student no, name. Using ado unbounded coding, write a code to add this data in student table of student.mdb file. **07**
- OR**
- Q.5** (a) Explain ADO cursors in Detail. **07**
 (b) Define error. How do you handle error in Visual basic using on error goto, on error resume next and on error to 0 statements? **07**

- Q.1** (a) તફાવત આપો: Procedural Languages Vs Event Driven Languages **03**
 (b) વ્યાખ્યા આપો: Method, Property **04**
 (b) વિઝુઅલ બેઝીકમાં આવતા જૂદા જૂદા પ્રકારના મોડ્યુલસની યાદી આપો. **07**
 ફોર્મ ની લાઈફ સાઈકલ સમજાવો.
- Q.2** (a) ટેક્સ્ટબોક્સની મહત્વની properties, methods and events સમજાવો.. **07**
 (b) Design a form and have one locked textbox with text “Gujarat Technological University”. Write a code to change the font color of text (green, blue, red) and font style of label (bold, italic, underline). **07**
OR
 (b) Design a form with one text box, 2 listboxes and two command buttons captioned Add, Move. Write a code to add an item to a list box from textbox when user clicks Add button, move an item from a listbox to another listbox when user clicks move button. **07**
- Q.3** (a) એરે શું છે? વિઝુઅલ બેઝીકમાં fixed size array and dynamic array કેવી રીતે **07**
 યુસ કરવું તે સમજાવો.
 (b) વિઝુઅલ બેઝીકમાં આવતા ફાઈલ સીસ્ટમ કંટ્રોલ સમજાવો. **07**
OR
- Q.3** (a) વિઝુઅલ બેઝીકમાં આવતા આપેલ ફંક્શન સમજાવો. : Ucase, Day, Mid, **08**
 Instr
 (b) ડીબગ ઓબ્જેક્ટ સમજાવો. ડીબગ ઓબ્જેક્ટની પ્રિન્ટ અને એસઈ મેથડ **06**
 સમજાવો.
- Q.4** (a) વ્યાખ્યા આપો : ઇવેન્ટ. વિઝુઅલ બેઝીકમાં આવતા આપેલ ટર્મસ સમજાવો. **07**
 Interval, Timer, Option Explicit.
 (b) મેનુ શું છે? વિઝુઅલ બેઝીકમાં મેનુ બનાવવાની મેથડ સમજાવો મેનુ પોપ **07**
 અપ કેવી રીતે કરવું તે પણ સમજાવો.
OR
- Q. 4** (a) ઉદાહરણ આપીને સમજાવો: datalist and datagrid control **07**
 (b) વિઝુઅલ બેઝીકમાં આવતા SelectCase and For Each....Next structure **07**
 સમજાવો.
- Q.5** (a) વિઝુઅલ બેઝીકમાં data environment designer નો ઉપયોગ કરીને રીપોર્ટ **07**
 કેવી રીતે બનાવવો તે ઉદાહરણ આપીને સમજાવો
 (b) Design a form in Visual Basic which reads student no, name. Using ado **07**
 unbounded coding, write a code to add this data in student table of
 student.mdb file.
- OR**
- Q.5** (a) સમજાવો: ADO cursors **07**
 (b) વ્યાખ્યા આપો: error. વિઝુઅલ બેઝીકમાં error ને કેવી રીતે handle કરવી તે **07**
 on error goto, on error resume next and on error to 0 statements થી
 સમજાવો.
