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**DIPLOMA IN COMPUTER SCIENCE AND  
ENGINEERING (BTCSVI)**

**Term-End Examination**

**December, 2012**

**BICS-036 : VISUAL BASIC PROGRAMMING**

*Time : 2 hours*

*Maximum Marks : 70*

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*Note : Attempt any five questions. Question No.1 is compulsory.*

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1. Choose the correct answer. 7x2=14
- (a) What field type is used to store picture in a table ?
- (i) Memo (ii) OLE  
(iii) Hyperlink (iv) None of the above
- (b) When you declare a variable or a named constant, visual basic reserves an area of memory and assign it a name called a (n) \_\_\_\_\_?
- (i) dimension (ii) identify  
(iii) declaration (iv) identifier
- (c) If you encounter a runtime error or you pause the program execution. you are in :
- (i) compile time (ii) break time  
(iii) run time (iv) design time

- (d) What is the maximum caption size for a text box ?
- (i) 240 characters
  - (ii) 255 characters
  - (iii) Unlimited
  - (iv) None of the above.
- (e) What datatype is a numeric value entered into a text box that treated as by default :
- (i) Integer      (ii) String
  - (iii) Variant    (iv) None of the above
- (f) The use of 'Rem' keyword in V B denotes :
- (i) A line of documentation
  - (ii) Remark statement
  - (iii) Comment
  - (iv) All of the above.
- (g) What is the use of visual component manager ?
- (i) To add predefined Menu
  - (ii) To add predefined function
  - (iii) To add component to the window Menu.
  - (iv) None of the above.

2. (a) VB is an object based event driven programming language ? Explain. 7
- (b) What is combo box ? Explain the properties and methods of combo box ? 7

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|----|-----|---|---|
| 3. | (a) | Differentiate between passing by value and passing by reference with suitable example.    | 7 |
|    | (b) | Explain P set ( ) and RGB ( ) methods in visual basic with suitable example ?             | 7 |
| 4. | (a) | What is Module ? Explain class module and MDI Module ?                                    | 7 |
|    | (b) | Explain common dialog box. Explain Dialog Title and flag properties of common dialog box. | 7 |
| 5. | (a) | What is ADO and RDO ? Give suitable examples.   | 7 |
|    | (b) | Differentiate between DSN and DSN less connection.  | 7 |
| 6. | (a) | What is sequential file? How to make changes inside a sequential file ?                   | 7 |
|    | (b) | Explain rich text box control and file handling.  | 7 |
| 7. | (a) | What is data control ? Explain the use of different data controls available in VB.        | 7 |
|    | (b) | Explain clock control using suitable example.   | 7 |

