

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

**Term-End Examination**

**December, 2013**

**BICS-036 : VISUAL BASIC PROGRAMMING**

*Time : 2 hours*

*Maximum Marks : 70*

---

*Note : Attempt any five questions. Question No.1 is compulsory. Each question carry equal marks.*

---

1. Choose the correct answer : **7x2=14**
- (a) Check box are used so as to
    - (i) Choose one check box at a time.
    - (ii) Multiple check box can be chosen.
    - (iii) Only one check box can be used.
    - (iv) None of the above.
  - (b) IDE stands for
    - (i) Interpreter development environment.
    - (ii) Integrated development environment.
    - (iii) Imposed development environment.
    - (iv) None of the above.
  - (c) Variant that can be used is/are.
    - (i) Integer.
    - (ii) String.
    - (iii) Both of the above.
    - (iv) None of the above.
  - (d) The reference library of Visual Basic books is called-
    - (i) MSDN Library.
    - (ii) Help library.
    - (iii) Contents.
    - (iv) Topic panel.

- (e) Code is :
    - (i) Updateable in the form editor.
    - (ii) Instructions.
    - (iii) Seldom used.
    - (iv) An object.
  - (f) Random access files are accessed line by line.  
(True/False)
  - (g) Binary files are accessed byte by byte.  
(True/False)
2. (a) Describe any five features of Visual Basic. 7
    - (b) Explain different data types in Visual Basic. 7
  3. (a) Define Array with syntax and example. 4
    - (b) What is select case ? Write its syntax. 5
    - (c) What is function ? Write its general syntax. 5
  4. (a) What is OLE in Visual Basic ? Explain in detail. 7
    - (b) Implement the program in Visual Basic to generate the Fibonacci Series. 7
  5. (a) Differentiate between DSN and DSN less connection. 7
    - (b) Define DAO. Differentiate between the Dynaset and Shapshot type record set. 7
  6. (a) What are the various sections that are displayed in a Report Designer screen ? Explain it. 7
    - (b) Differentiate between sequential files and Random access file. 7

7. Write short notes on **any four** of the following :

- (a) RDO **3.5x4=14**
  - (b) MDI
  - (c) IDE
  - (d) Active-X Control.
  - (e) Control Array.
  - (f) RGB() function.
-