

**DIPLOMA – VIEP – COMPUTER SCIENCE AND
ENGINEERING (DCSVI)**

00343

**Term-End Examination
June, 2014**

BICS-036 : VISUAL BASIC PROGRAMMING

Time : 2 hours

Maximum Marks : 70

Note : *Attempt any five questions. Question no. 1 is compulsory. All questions carry equal marks.*

1. Choose the correct answer : **7×2=14**

- (a) Decimal is data type of
- (i) Numeric
 - (ii) Byte
 - (iii) Variant
 - (iv) None of the above
- (b) OLE means
- (i) Object Line and Embedding
 - (ii) Operation Linking and Embedding
 - (iii) Object Linking and Embedding
 - (iv) Operation Line and Embedding
- (c) List box is used to select
- (i) One item at a time
 - (ii) More than one item at a time
 - (iii) Only one item at a time
 - (iv) Zero item at a time

- (d) System defined functions are known as
 - (i) Primitive functions
 - (ii) Non-primitive functions
 - (iii) User defined functions
 - (iv) None of the above
 - (e) Got Focus property is used
 - (i) When an object sends the focus
 - (ii) When an object receives the focus
 - (iii) When form is no longer active
 - (iv) None of the above
 - (f) All controls in an array will have the same properties. (True/False)
 - (g) Option Button can be grouped in a Frame Control. (True/False)
2. (a) Define Visual Programming. What are the various interfacing elements of Visual Basic ? 7
 - (b) Write a function procedure to convert the temperature from Fahrenheit to Celsius. 7
 3. (a) What is List Box ? Explain the properties and methods of List Box. 7
 - (b) What is function in Visual Basic ? Explain any two functions with the help of suitable example. 7
 4. (a) What are the differences between SDI and MDI ? 7
 - (b) Explain PSet() and RGB() methods in Visual Basic with the help of suitable example. 7

5. (a) Explain the different categories of controls in Visual Basic with the help of example. 10
- (b) Write a Visual Basic event procedure to convert a text from lowercase to uppercase. 4
6. (a) What is a Record Set property ? Differentiate between the Dynaset and Snapshot type Record Set. 7
- (b) Define OLE. What are the differences between Linked objects and Embedded objects ? 7
7. (a) What are Active-X controls ? Explain extend properties and ambient properties. 7
- (b) Differentiate between Sequential files and Random access files. 7
8. Write short notes on any *two* of the following : $2 \times 7 = 14$
- (a) ADO and RDO
- (b) Concept of database
- (c) Common dialog box
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