

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

Term-End Examination

June, 2016

00446

BICS-036 : VISUAL BASIC PROGRAMMING

Time : 2 hours

Maximum Marks : 70

Note : *Attempt any seven questions. All questions carry equal marks. Questions on programming given in question paper shall be written in Visual Basic only.*

1. Discuss the term 'Visual Language'. What are the various operators available in Visual Basic ? Explain with the help of examples. 10

2. What are the various control structures supported by Visual Basic ? Discuss the construct of each control structure with a suitable example. 10

3. (a) Write a program in Visual Basic to convert a text from upper case to lower case. 5
(b) Write a program in Visual Basic to print the factorial of a number entered by the user in a text box. 5

4. What are Control Arrays ? Can we create control arrays at run time ? If yes, how, and if no, why ? 10
5. Differentiate between any *two* of the following : 5+5=10
- (a) MsgBox statement and MsgBox() function
 - (b) ADO and DAO
 - (c) Call by value and Call by reference
6. How are objects different from classes ? Differentiate between events, methods and properties associated with object. How are specific object types different from generic object types ? 10
7. Discuss the different ways to access files in Visual Basic. 10
8. What is Recordset property ? How does Dynaset differ from Snapshot type Recordset ? 10
9. What do you understand by 'OLE automation' ? How are Linked objects different from Embedded objects ? 10
10. What are DLLs ? How are DLLs used using RTF control ? Discuss the method. 10