

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

00377 Term-End Examination

December, 2017

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 the question paper shall be written in Visual Basic only.

1. Explain the advantages of Visual Basic Integrated Development Environment (IDE) in Multiple Document Interface (MDI) format. 10

2. What is Control Array ? Explain its advantages with the help of a suitable example. 10

3. Write a Visual Basic program to find the reverse of a given number. 10

4. (a) Write a Visual Basic program to display current date and current time. 5

(b) What is variant variable in Visual Basic ? Explain its use with the help of an example. 5

5. (a) Explain the use of Control Flow Statement in Visual Basic with the help of a program. 5
- (b) Explain the use of ImageList in Visual Basic programming. Can you change resolution property of an image placed in an ImageList? 5
6. What is Common Dialog Control ? Briefly explain its methods and properties. Also list any four dialog boxes that can be accessed through common dialog control. 10
7. What is a Report ? Explain how reports are created in Visual Basic using data reports; with the help of an example. 10
8. (a) Write a Visual Basic program to find the length of a string. 5
- (b) Explain the use of Menu Editor in Visual Basic. 5
9. Explain various file system controls in Visual Basic. 10
10. Write short notes on any **two** of the following : $2 \times 5 = 10$
- (a) Database and Data Manager
- (b) OLE Control
- (c) Events in ActiveX Control