

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

**Term-End Examination**

**December, 2016**

00324

**BICS-036 : VISUAL BASIC PROGRAMMING**

*Time : 2 hours*

*Maximum Marks : 70*

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**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.*

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1. What is visual programming ? What are the various interfacing elements of Visual Basic ? Briefly discuss any two interfacing elements with their properties. 10
  
2. Discuss the following concepts with suitable examples : 10
  - (a) Call by value
  - (b) Call by reference
  
3. (a) Write a program to display the day for a given date. 5  
(b) Write a program to print the Fibonacci series, up to a number entered by a user in the text box. 5

4. What are control arrays ? List the salient features of control arrays. Give the steps to generate the control arrays. 10
5. Write short notes on any *two* of the following :  $5+5=10$
- (a) MDI and its application
  - (b) DLLs and their usage
  - (c) DSN
6. What are class modules ? How are class modules different from classes ? How are class modules used to construct classes ? 10
7. What are the various file system controls ? Discuss the usage and utility of each file system control. 10
8. Differentiate between any *two* of the following :  $5+5=10$
- (a) DBGrid Control and MSFlexGrid Control
  - (b) DAO and RDO
  - (c) Dynaset and Snapshot Type Record Set
9. What is Active-X control ? List the steps involved in creating an Active-X control. 10
10. Explain the steps involved in creating a report using Data Report. 10
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