

Roll No. ....

Total Pages : 2

BCAM-15

1875

VISUAL BASIC

Paper : BCA-364

Time : Three Hours]

[Maximum Marks : 80

Note : Q. No. 1 is compulsory. In addition attempt *four* more questions, selecting *one* question from each unit. All questions carry equal marks.

**Compulsory Question**

1. Attempt all the following :
  - (a) Implicit and Explicit variables.
  - (b) Control array.
  - (c) Multiple Document Interface.
  - (d) List box and Combo box. (4×4=16)

**UNIT-I**

2. What is Visual Basic ? What are the various hardware and software requirements for installing Visual Basic ? Explain the various features of Visual Basic. 16
3. (a) What is the relationship between properties, methods and events ? 8  
(b) Write the steps for creating an application in Visual Basic. 8

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**UNIT-II**

4. What is Variable ? What is the scope and lifetime of a variable ? How variables are declared in Visual Basic ? Explain with example. 16
5. (a) Explain various types of operators in Visual Basic. 8  
(b) Explain Message box and Input box with example. 8

**UNIT-III**

6. Differentiate between the following with example :
  - (a) Do-while loop and Do-until loop.
  - (b) Arrays and Collections. 16
7. Explain the following terms with example :
  - (a) Exit statement. 4
  - (b) Select-case. 4
  - (c) If-then-else. 4
  - (d) Returning items in a collection. 4

**UNIT-IV**

8. (a) Distinguish between Function and Subroutine. 8  
(b) Distinguish between Load and Show methods of form with example. 8
9. (a) Define Dynamic Menu Appearance. How Popup menus can be created in VB ? Explain with example. 8  
(b) Write a program which explains the concept of passing an array to a procedure. 8

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2