Roll No…………………

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BCA/M-15

VISUAL BASIC

Paper-BCA-364

Time allowed: 3 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. Attempts all the following:
   (a) Implicit and Explicit variables.
   (b) Control array.
   (c) Multiple Document Interface.
   (d) List box and Combo box.

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.

3. (a) What is the relationship between properties, methods and events?
   (b) Write the steps for creating an application in Visual Basic.

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.

5. (a) Explain various types of operations in Visual Basic.
   (b) Explain Message Box and Input box with example.

UNIT-III

6. Differentiate between the following with example:

(a) Do-while loop and Do-until loop.

(b) Arrays and collections.

7. Explain the following terms with example:

   (a) Exit statement

   (b) Select-case.

   (c) If-then-else.

   (d) Returning items in a collection.

UNIT-IV

8. (a) Distinguish between Function and Subroutine.

   (b) Distinguish between Load and Show methods of form with example.

9. (a) Define Dynamic Menu Appearance. How Popup menus can be created in VB? Explain with example.

  (b) Write a Program which explains the concept of passing an array to a procedure.