

Roll No.

97680

**BCA 5th Semester (New)
Examination – November, 2018**

VISUAL BASIC

Paper : BCA-304

Time : Three Hours]

[Maximum Marks : 80

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt any *five* questions in all. Question No. 1 is *compulsory*. In addition to *compulsory* question, attempt *four* more questions selecting *one* question from each unit.

1. (a) Discuss the various features of Visual Basic.
- (b) Discuss one dimensional and multi-Dimensional arrays in detail.
- (c) Explain the need of built-functions in Visual Basic. List out the various built in functions that are available in the latest version.
- (d) What do you mean by hiding and showing forms ?
- (e) How VB Supports integrated Development Environment ?

- (f) Discuss about menu bar and toolbar in detail.
- (g) Discuss immediate window and code window in detail.
- (h) What does Option Explicit refer to ?

UNIT – I

2. (a) What do you mean by visual & Non-Visual Programming, Procedural, object-oriented programming language ? Explain in detail.
- (b) What do you mean by VB environment ? Explain Toolbox, Properties window, Form designer, Form layout and properties window in detail.
3. (a) What is form ? How do we create the form and managed at run time ? Also discuss some common form properties.
- (b) What is an event ? Discuss some of the event supported by VB object. Also explain the role of event processor in VB.

UNIT – II

4. (a) What do you mean by variables ? What is its scope ? Explain the different variables used in VB.
- (b) Discuss the usage of message box, input box and print statement in VB program.
5. (a) What do you mean by Constants and Operators in VB ? Explain the different types of operators used in VB.

- (b) Discuss various controls used for Input/Output in VB.

UNIT – III

6. (a) What do you mean by collection ? Explain the concept of Returning items in a collection in detail.
- (b) What do you mean by arrays ? Give difference between Static arrays and dynamic arrays. How can they be created in Visual Basic ?. Give syntax.
7. What do you mean by control Loop and conditional statements in VB ? Explain in detail with example.

UNIT – IV

8. (a) What do you mean by Procedures ? Discuss various types of procedures available in VB in detail.
- (b) Describe the methodology to create a menu using Visual Basic.
9. (a) What do you mean by SDI and MDI form ? How you create an MDI form ? Also explain the steps for creating pop-up menu.
- (b) What is function ? Explain the concept of function returning data types and function returning arrays in VB.