

Roll No.

97680

**BCA 5th Semester (New)
Examination–November, 2014**

VISUAL BASIC

Paper : BCA-304

Time : 3 hours Max. 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 the examination.

Note : Attempt **five** questions. Question No. 1 is **compulsory**. Select **one** question from each unit.

1. Explain the following : 16

- (i) Project Explorer
- (ii) Various Controls for I/O in VB
- (iii) Collections
- (iv) Pop up menus

UNIT - I

2. Describe the following : 16

(i) Procedural Programming language

(ii) Object Oriented Programming

(iii) Event Driven Programming

3. What do you mean by VB Environment ?

Explain in detail. 16

UNIT - II

4. (i) What is variable ? Explain the scope and lifetime of variables. 8

(ii) What is operator ? Explain its types. 8

5. Describe the following : 16

(i) Message Box

(ii) Input Box

UNIT - III

6. Describe the following : 16

(i) Arrays of array

(ii) Collections

7. Describe the following :

(i) Looping Statements in VB language 10

(ii) Nested Control Structures 6

UNIT - IV

8. Write short notes on : 16

(i) Procedures

(ii) Functions

9. Explain :

16

- (i) Menu Designing in VB
- (ii) Adding Multiple forms in VB
- (iii) Form-load event

97680

B.C.A. 5th Semester (New)
Examination- November, 2016

Visual Basic

Paper-BCA-304

Time : 3 hours

Max. 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 the examination.

Note : Attempt five questions in all, selecting one question from each unit. Q.No. 1 is **compulsory**. All questions carry equal marks.

1. (a) What is the difference between procedural and object-oriented programming language?
- (b) What is project explorer ?
- (c) What do you mean by scope and lifetime of a variable ?
- (d) What is constant ?
- (e) What is array of array ?
- (f) What is collection ?
- (g) How to activate and deactivate events ?
- (h) What do you mean by sub-menu ?

Unit-I

- 2.** (a) Briefly explain the concept of object-oriented programming language.
(b) What do you mean by event driven programming language?
-
- 3.** What do you understand by visual program design ? Enumerate the elements in the VB environment and explain the purpose of each.

Unit-II

- 4.** (a) What do you mean by variable? Explain the different types of variable used in VB. <http://www.haryanapapers.com>
(b) Explain Relational and Logical operator in VB with example
- 5.** (a) What is data type? Describe the different data types supported by VB.
(b) Explain the following with reference to VB with example
Message Box, Input Box, Text Box, Dialog Box.

Unit-III

- 6.** What is an array ? Explain its types. How to declare and use the array ? Also differentiate between array and collection.
- 7.** Explain Looping and Decision statement with example.

Unit-IV

- 8.** What is the purpose of functions, procedure and sub-routine in VB ? What do you mean by passing arguments by value and passing arguments by reference ?
- 9.** (a) What do you mean by form? How to add multiple form in VB ? Explain with example.
(b) What is Popup menu ? How to create Popup Menu ? Explain.

Roll No.

97680

BCA 5th Semester (New)
Examination – November, 2017

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 *five* questions in all, selecting *one* question from each Unit. Question No. 1 is *compulsory*.

1. Explain the following : 16

- (i) Toolbox
- (ii) Scope & life time of variables
- (iii) Processing a collection
- (iv) Hiding & showing forms

UNIT - I

7. Explain :

16

2. What do you mean by VB Environment explain in detail ?

16

3. (i) What do you mean by Visual and Non-Visual Programming ? Also differentiate between them. 8

(ii) Give a brief idea about Event Driven Programming. 8

UNIT - II

4. Describe the following :

$8 + 8 = 16$

(i) Constants

(ii) Variables & its types

5. Write short notes on :

16

- (i) Message Box**
- (ii) Input Box**
- (iii) Print Statement**

UNIT - III

6. (i) Explain the different loop statements in VB Language.

8

(ii) Give a brief idea about Nested Control Structures. 8

- (i) Arrays**
- (ii) Collection**
- (iii) Processing a collection**

UNIT - IV

8. (i) Explain in detail the concept of Arguments. 8

(ii) Give a brief idea about functions returning arrays. 8

9. Describe the following :

$8 + 8 = 16$

(i) Activate and Deactivate events.

(ii) Menu Designing in VB.

- 8 + 8 = 16**
- 16**
- 8 + 8 = 16**

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 from 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.