

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.**

<http://www.haryanapapers.com>

Whatsapp @ 9300930012

Your old paper & get 10/-

पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से

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

97680-6,150-(P-3)(Q-9)(17)

P. T. O.



## UNIT – I

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

97680-6.150-(P-3)(Q-9)(17) (2)

7. Explain :

16

(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.

97680-6.150-(P-3)(Q-9)(17) (3)

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 events 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.