(b) What is the significance of a form in Visual Basic (VB) ? How do we create the forms and managed at run time ? List and explain some important properties of the form.

Roll No. ....

97680

BCA 5th Semester

Examination – July, 2022

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. (a) What is the difference between Procedural and Object-oriented Programming languages ?

   (b) What do you mean by Hiding and Showing forms ?

   (c) How we declare variables in VB ? Explain through example.

   (d) Discuss one dimensional and multi-dimensional arrays in detail.

   (e) What is Visual and Non-Visual Programming ? Explain.

(f) Discuss immediate window and code window in detail.

(g) What do you mean by SDI and MDI Form ?

(h) Explain the concept of Optional Arguments and Named Arguments.

UNIT – I

2. What do you mean by VB environment ? Explain Toolbox, Properties window, Form designer, Form layout and properties window in detail.

3. What do you understand by event driven programming ? List and explain about some of the event supported by VB object. Also describe the role of event processor in VB.

UNIT – II

4. Explain the following in detail :

(a) Various controls for I/O in VB

(b) Data types used in VB

(c) Message box, input box and print statement

5. (a) What do you mean by variables ? What is its scope ? Explain the different variables used in VB.

(b) What do you mean by Constants and Operators in VB ? Explain the different types of operators used in VB.

UNIT – III

6. Explain the following in detail :

(a) Difference between Static arrays and Dynamic arrays through suitable example

(b) Returning items in a Collection and Processing a collection

7. Explain the following through suitable example :

(a) If-then-else statement

(b) Select- case statement

(c) For-next statement

(d) Do-loops statement

UNIT – IV

8. Explain the following in details :

(a) Various types of procedures available in VB

(b) The methodology to create a menu using Visual Basic.

9. (a) What is function ? Explain the concept of Function returning data types and Function returning arrays in VB.