

Roll No.

97680

**BCA 3 Years 5th Semester
(Old Scheme)
Examination – December, 2025**

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*. All questions carry equal marks.

1. Answer the following questions in short : $8 \times 2 = 16$

(a) What is an immediate window ?

(b) Discuss the various features of Visual Basic.

(c) How does VB support an Integrated Development Environment ?

(d) Explain the scope and lifetime of variables.

(e) Explain one-dimensional and multi-dimensional arrays in detail.

(f) What is collection ?

(g) What do you mean by hiding and showing forms ?

(h) Differentiate between List Box control and Combo Box control.

UNIT – I

2. What do you mean by Visual Programming ? Explain its applications in detail. 16

3. (a) What do you mean by VB environment ? Explain in detail. 8

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- (b) What do you mean by Event-driven programming language ? 8

UNIT – II

4. Explain various Operators in Visual Basics. 16
5. (a) Describe the variable and its types in Visual Basics. 8
- (b) Explain various controls for I/O in Visual Basics. 8

UNIT – III

6. (a) Explain the usage of the message box and input box in the VB Program. 8
- (b) Explain various controls in VB with examples. 8
7. (a) Explain Collections in Visual Basic. 8
- (b) Discuss various decision statements used in VB with example. 8

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UNIT – IV

8. Explain Procedures and multiple types of procedures in Visual Basic. 16
9. (a) What are Optional Arguments ? Explain using an example. 8
- (b) What do you mean by Activate and Deactivate events ? Explain. 8

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