

**97680**

**BCA 5<sup>th</sup> Semester Full and Reappear  
Examination, November-2023**

**VISUAL BASIC**

**Paper-BCA-304**

Time allowed : 3 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. **Q. No. 1 is compulsory.** All questions carry equal marks.

1.
  - (a) What do you mean by Subroutines ?
  - (b) How to activate and deactivate the events ?
  - (c) What is the use of immediate window in vb ?
  - (d) What is form layout ?
  - (e) How do you declare constant in VB ?
  - (f) What is data type ?
  - (g) What is array of array ?
  - (h) What is Exit statement ?

**Unit-I**

2.
  - (a) Differentiate Visual and Non-Visual programming language.
  - (b) What is Visual Basic? Why it is called event driven programming language? Explain.

3. (a) What do you mean by Toolbox and properties windows in VB? Explain.
- (b) Differentiate procedural and object oriented paradigm.

### Unit-II

4. (a) Explain Relational and Logical operator in VB with example.
  - (b) What do you mean by variable? Explain the scope and declaration of variable used in VB.
5. Explain various controls in VB with example.

### Unit-III

6. Explain various. Decision statement with example in VB.
7. (a) What is Collection? Differentiate between array and collection.
  - (b) Differentiate while wend loop and the do-while loop in VB with example.

### Unit-IV

8. (a) What is the difference between procedure and function ?
  - (b) Explain:
    - (i) Load and unload statement
    - (ii) Show and hide method
9. (a) What is Popup menu ? How to create Popup Menu? explain.
- (b) What do you mean by form ? How to add multiple form in VB ? Explain with example.