

B.C.A. 5th Semester (Full & Reappear)

Examination, December - 2024

VISUAL BASIC

Paper -BCA-304

Time allowed : 3 hours] [Maximum marks : 80

Note : Question No. 1 is compulsory. Attempt five questions in total, the first being compulsory and select one question from each unit.

1. (a) Explain the code window. 2
- (b) What is the relation between Event Procedures? 2
- (c) Explain the common properties of a form. 2
- (d) VB is an event-driven programming language. Justify it. 2
- (e) Write the steps to create an MDI form. 2
- (f) What do you mean by variables? What is its scope? 2
- (g) What do you mean by sub-menu? 2
- (h) Discuss the menu bar and toolbar in detail. 2

Unit - I

2. (a) What do you mean by Visual Programming and Non-Visual Programming? Explain in detail. 8

(b) What is form? How do we create and manage it? 8

3. (a) Differentiate between Procedural and Object-Oriented Programming Language in detail. 8

(b) What is an event? Discuss some of the events supported by VB objects. Also, explain the role of the event processor in VB. 8

Unit - II

4. What do you mean by variables? What is its scope? Explain the different variables used in VB. 16

5. What is data type? Describe the different user-defined data types supported by VB. 16

Unit - III

6. Discuss various decision and condition used in VB with examples. 16

7. (a) Describe looping statements in VB language with examples. 8

(b) What is an array and what are its types? Explain with an example. 8

Unit - IV

8. (a) Explain creating Menus, Sub Menus using example. 8

(b) What is the popup menu? How to create a Popup Menu? Explain. 8

9. Explain Functions. What do you mean by passing arguments by value and passing arguments by reference? Explain by taking suitable examples. 16