8. (a) Explain the procedure to execute stored procedures using Remote data objects in a database application. **10**

(b) Write a short note on Remote Data Object (RDO). **5**

E214

B.C.A. EXAMINATION, May 2019

(Fifth Semester)

(B. Scheme) (Re-appear Only)

(BCA)

BCA307B

VISUAL PROGRAMMING

Time : 3 *Hours*]   [*Maximum Marks :* 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. Each question carries equal marks.

Unit I

1. (a) Explain different types of arrays supported by VB with one example of each. **8**

(b) Classify the different operators used by VB. **7**

2. Define IDE. Discuss the following components of IDE :

Toolbar, Project Explorer, Form Designer, Menu-bar, Immediate Windows. **15**

Unit II

3. Write the steps to create an application in VB in which when you click on add button the new option button is added and when a delete button is clicked, the option button got deleted. And when you click an option button the color of the picture changes. **15**

4. (a) Compare the features of visual and non-visual architectures. **8**

(b) Describe the in-process and out of process components. **7**

Unit III

5. Write and explain the steps to develop a menu driven GUI based applications in VB for maintaining the records of students of your class. Make use of events, menu bar, message box, tool bar etc. **15**

6. (a) Explain open method for record set. **8**

(b) Explain the built in dialog boxes supported by VB. **7**

Unit IV

7. List the different advantages of ADO data control. Explain different objects of ADO model. **15**