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Roll No. ....

**BB-682**

**M.C.A. EXAMINATION, Dec. 2018**

(Second Semester)

(B. Scheme) (Re-appear Only)

MCA404

VISUAL PROGRAMMING

*Time : 3 Hours]*

*[Maximum Marks : 75*

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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.

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

(3-25/7) M-BB-682

**P.T.O.**

### **Unit I**

1. (a) Discuss child window controls in Visual Programming. **5**  
(b) Explain Visual C++ Components. **10**
2. (a) Explain, how event handling is done in Visual Programming ? **10**  
(b) Write a program to create and display a window. **5**

### **Unit II**

3. Define Keyboard Accelerators. Explain the purpose of keyboard Accelerators. **15**
4. What is Rich Edit Control ? Create an application using Rich Edit Control. **15**

### **Unit III**

5. What do you mean by OLE ? Write down the steps of OLE drag and drop processing with a neat diagram. **15**

6. Explain, how you will add an active X control during runtime with necessary program. **15**

### **Unit IV**

7. What is ODBC and structured query language ? Create a database and displaying database record in scrolling view. **15**
8. Explain how to build a web client ? **15**