

No. of Printed Pages : 03

Roll No.

BB682

M.C.A. EXAMINATION, May 2019

(Second Semester)

(B. Scheme) (Main & Re-appear)

MCA404

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. All questions carry equal marks.

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P.T.O.

Unit I

1. (a) List and explain the step by step procedure to develop and run a project in VC++. **10**
(b) Explain the procedure to create a bitmap in VC++. **5**
2. What are Multiple Views ? How Multiple views are created ? Explain with the help of an example. **15**

Unit II

3. (a) Explain, how a dynamic link library can be created using MFC ? **10**
(b) List five features of rich edit control. **5**
4. List the uses of menu editor. Write the steps and necessary code in VC++ to create a menu driven program and then add a new menu item also link this menu item to the code to be executed upon selecting and clicking this item. **15**

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Unit III

5. Write and explain the procedure to create an ActiveX Control that will present the user with a rectangle divided into four Sections, When user clicks on one section this section will become black, when user clicks on another section, the shading will be shifted to that section. **15**
6. Briefly explain the following :
(a) Component Object Model (COM)
(b) Object Linking and Embedding (OLE) **15**

Unit IV

7. List the uses of CDatabase class provided by MFC. Write and explain the steps to add new record into a table using SQL. **15**
8. Write short notes on the following :
(a) DAO
(b) WinSock and Win Innet
(c) IIS. **15**

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