BB-682

M.C.A. EXAMINATION, May 2017

(Second Semester)

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

VISUAL PROGRAMMING

MCA-404

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.

Unit I

1. What is a window environment ? Explain the process of creating a window.   **15**

2. (a) What is an event ? How is it handled ?

(b) What are various windows common controls ? **7.5×2**

Unit II

3. What keyboard accelerators ? Explain the toolbars and status bars. **15**

4. Explain the following :

(a) Splitter Window

(b) Dialog based applications. **7.5×2**

Unit III

5. What is ActiveX Control ? How is it installed ? How is it created at run time ? Explain. **15**

6. (a) Explain components objective model (COM). **7.5**

(b) Explain the OLE embedded components and Containers. **7.5**

Unit IV

7. (a) What do you mean by MFC ODBC classes ? Explain their uses. **7.5**

(b) Explain the process of building a web client. **7.5**

8. Write notes on the following :

(a) VC++ networking issues.

(b) Multimedia files. **2×7.5**