Roll No. ....

67203

MCA 5th Semester (Old)

Examination – December, 2016

WINDOWS PROGRAMMING & VISUAL C++

Paper : MCA-503

Time : Three Hours]   [Maximum Marks : 75

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

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

UNIT – I

1. (a) Discuss the general flow of execution within an MFC application with diagrammatic representation in detail.

   (b) What are the difference between check box and radio button ? Explain with coding.

2. Discuss different mechanisms used for dialog box. Explain these with the help of program to show the exchange and validation of data.

UNIT – II

3. (a) What is the use of clipboard ? How memory is allocated and how text can be transferred to the clipboard ?

(b) Discuss the steps involved in creating user defined DLL in VC++. http://haryanapapers.com

4. (a) What are metafiles ? How these are different from bitmaps ? Discuss their different formats with function used within them.

(b) What is Sound API ? How waveform audio is used in it ?

UNIT – III

5. (a) Define device context. How device context for only client area and for entire window could be obtained ?

(b) What is dockable toolbar ? How it can be created ? Explain with code segment.

6. (a) What are the different ways to create a menu ? Explain with code segment in which menu is created using LoadMenu().

(b) What is the use of accelerator ? Write a code segment for creating the accelerator using MFC.

UNIT – IV

7. (a) Explain the concept of MFC programming without view document architecture. How is it different from programming with view document architecture ?

(b) Discuss about database management with ODBC and communicating with other application.

8. Explain the need of ODBC for database connectivity. Enumerate its advantages and disadvantages.

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