

67213

**MCA-5th Semester with old notes maximum marks
scheme 80 Examination, December-2015**

WINDOWS PROGRAMMING AND VISUAL C++

Paper-MCA-503

Time allowed : 3 hours]

[Maximum marks : 80

Note : Attempt five questions in all. Selecting at least one question from each unit. All question carry equal marks.

Unit-I

1. What do you understand by windows programming ? How is it different from traditional programming ? Also discuss main features of window programming in detail.
2. Explain in detail :
 - (a) Child window control
 - (b) Menu and Accelerators

Unit-II

3. (a) What is Graphics Device Interface ? How the same can be helpful in programming ? Explain.
(b) What are DDLs ? How are these different from EXE files ? Explain. Also write a program to create a user defined DLL.
4. Explain the following in detail :
 - (a) Multitasking Process and Threads
 - (b) Clipboard Drag and Drops.

Unit-III

5. (a) What do you mean by MDI Application ? What are the different classes for an MDI application ? Also explain the difference between an SDI application and an MDI application.
- (b) Explain the various types of menus and their creation in VC++ using MFC.
6. (a) What are the advantages and disadvantages of VC++ over any other object-oriented language ? Explain with suitable examples.
- (b) Write a Program in VC++ for adding list Box and Check Box to your window.

Unit-IV

7. (a) What do you mean by ODBC ? Explain the working and features of ODBC.
- (b) What is meant by MFC programming view document Architecture ? Explain.
8. Explain the following in detail :
- (a) DAO and how we connect a VC++ Program to Database by using DAO.
- (b) Database Building.