

Roll No.

67243

**MCA 5th Semester (with New Notes)
(Non CBCS)
Examination – December, 2018**

WINDOWS PROGRAMMING AND VISUAL C++

Paper : MCA-503

Time : Three Hours]

[Maximum Marks : 80

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. Question No. 1 is compulsory. Attempt four more questions selecting one question from each Unit.

1. (a) Name some header files used in Windows Programming.
- (b) Explain MFC.
- (c) What are Dialog boxes ?
- (d) Define Document View Architecture.
- (e) What is ODBC ?

- (f) What are the advantages of DLLs ?
- (g) What is implicit linking ?
- (h) Define multitasking .

UNIT - I

- 2. Explain in detail various child window controls.
- 3. Write short notes on :
 - (a) WinMain()
 - (b) WndProc()

UNIT - II

- 4. Explain in detail how DLLs are created and used in windows programming ?
- 5. What is GDI ? Explain in detail the basic drawing functions used in windows programming.

UNIT - III

- 6. Explain Document View Architecture.
- 7. What are various functions related to creating and updating menus available in Visual C++ ? Explain in detail.

UNIT - IV

- 8. Explain about DAO concepts.
- 9. Explain in detail about MFC ODBC classes.