

UNIT - IV

8. (a) Explain the procedure for creating simple window using MFC. 8
- (b) What is Database Management ? Explain Data access objects with example. 8
9. (a) What is role of ODBC in database management and how to communicate with other applications ? Explain. 8
- (b) What is DAO ? Explain with example. 8

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MCA 5th Semester Current Scheme

(with new notes)

Examination - December, 2016

WINDOWS PROGRAMMING & 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 : Question No. 1 is *compulsory*. Attempt *four* more questions selecting *one* question from each Unit. All questions carry equal marks.

1. Answer the following questions briefly : 8 × 2 = 16

(a) What is Radio button ?

(b) What is Check box ?

(c) What is clip board object ?

- (d) What is control array ?
- (e) What is rich edit control ?
- (f) What is bitmaps ?
- (g) What is OLE ?
- (h) What are functions of IIS ?

UNIT - I

- 2. (a) What is Windows Programming ? Explain various windows common dialog boxes available in VC++. <http://haryanapapers.com> 10
- (b) What is Cursor and Bitmaps ? How to use in VC++ ? Explain. 6
- 3. How to use Child Window Control ? What are various windows controls available in VC++ ? Explain any *five* controls with coding. 16

UNIT - II

- 4. What is role of multitasking process ? How to use thread in multitasking ? Explain clipboard drag and drops with example. 16

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- 5. Explain the following with example : 4 + 4 + 4 + 4

- (a) Sound API
- (b) GDI Metafiles
- (c) DLL
- (d) Console

UNIT - III

- 6. (a) Write a window program to display "Good Luck" at centre of the screen with explanation. 8
- (b) Write steps to implement MDI ? Explain reading and writing in MDI with example. 8
- 7. Explain the following with example : 4 × 4 = 16

- (a) SDI
- (b) View document Architecture
- (c) MFC library
- (d) Accelerators and Menus

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P. T. O.