B.E. DEGREE EXAMINATIONS: APRIL / MAY 2009

Fourth Semester

COMPUTER SCIENCE AND ENGINEERING

U07CS404 Visual Programming

Time: Three Hours   Maximum Marks: 100

Answer ALL the Questions:-

PART A (20 x 1 = 20 Marks)

1. CScrollView class is derived from
   a) CScroll Class   b) CMenu Class
   c) CView Class   d) All the above

2. _____ message is generated when key is released.
   a) WM_KEYDOWN   b) WM_SYSKEYDOWN
   c) WM_SYSKEYUP   d) WM_KEYUP

3. Which one of the following does not support region combine modes?
   a) RGN_COPY   b) RGN_NOR
   c) RGN_AND   d) RGN_XOR

4. _____ provides functions for drawing points, lines, rectangles and text.
   a) ActiveX   b) GDI
   c) API   d) All the above

5. MFC library version2.0 supports which one of the following features?
   a) DLL   b) OLE
   c) ActiveX Documents   d) ODBC

6. The logical unit of MM_HIENGLISH mapping Mode is
   a) 01. mm   b) 0.01mm
   c) 0.001 inch   d) 0.1 inch

7. What is the maximum size of a text box?
   a) 32 KB   b) 128 KB
   c) 64KB   d) 16 KB

8. _____ is a user interface element that allows you to cram lots of categorized information into a small dialog.
   a) Menu   b) Property Sheet
   c) Floating Menu   d) Pop up Menu

9. Which of the following window neither accepts user input nor generating command messages?

   a) Menu bar window   b) Toolbar window

   c) View window   d) Status bar window

10. MFC library classes do not support one of the following COMDLG32 class.

   a) CFontDialog   b) CColorDialog

   c) CPageDialog   d) CFileDialog

11. What is serialization?

   a) Sorting Objects   b) Sorting and Restoring Objects

   c) Restoring Objects   d) Saving and Restoring Objects

12. This window allows the user to split the window at any time by choosing a menu item.

   a) Dynamic splitter Window   b) Static splitter Window

   c) Dialog Window   d) View Window

13. Com is a

   a) Industry standard software Architecture.   b) Integrating technology.

   c) Protocol.   d) All the above.

14. The Com IDataObject interface is the key element of _____.

   a) GUI   b) UDT

   b) Protocol.   d) GDI

15. Which one of the following is Calendar control event?

   a) Month   b) ShowTitle

   c) NextDay   d) NewMonth

16. Mini server supports

   a) Inplace Activation   b) Stand alone program

   b) Container application   d) All the above.

17. The two principal ODBC classes are

   a) CDatabase and CDataField   b) CRecordset and CDataField

   c) CDatabase and CRecord   d) CDatabase and CRecordset

18. WinInet is better than Winsock because of

   a) Web proxy access   b) Buffered I/O

   c) Easy API   d) All the above

19. In DAO which one of the following CRowView function is not available?

   a) PrintRow   b) GetActiveRow

   b) OnDrawRow   d) UpdateRow

20. We cannot use _____ to build Servers.

    a) Winsock   b) WinInet

    c) a and b   d) ActiveX.

PART B (5 x 16 = 80 Marks)

21. a) i) Write a VC++ program to create a window.   (12)

      ii) Explain about message loop.   (4)

(OR)

    b) i) Explain the two methods used for getting Device Context Handle?   (4)

      ii) Explain about various child window controls.   (12)

22. a) i) Briefly explain about mapping modes.   (8)

      ii) Write a VC++ program to display the sum of two numbers using modal and modeless dialogs.   (8)

(OR)

    b) i) Briefly explain the windows common controls.   (8)

      ii) Write a VC++ program to draw a rectangle & ellipse.   (8)

23. a) i) What is DLL? List some disadvantages of DLL.   (4)

      ii) Create a DLL to add & multiply two numbers and explain how it can be used in application?   (12)

(OR)

    b) Explain briefly about splitter windows and multiple views.   (16)

24. a) i) What is an Active X control?   (2)

      ii) Design and develop a dialog based application by using a calendar control.   (14)

(OR)

    b) Define COM. Explain COM interface with example.   (16)

25. a) Give a sample program and explain single threading and multithreading.   (16)

(OR)

    b) Explain data access through ODBC with an example.   (16)

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