2008-PUNJAB TECHNICAL UNIVERSITY
B.E DEGREE EXAMINATION
VISUAL PROGRAMMING
(COMPUTER SCIENCE AND ENGINEERING)

TIME-3HOUR
MARKS-100

PART-A [20 MARKS]

1. Explain in brief the windows MSG structure

2. List the styles for a push button child window control.

3. state the use of windows message and event handler.

4. Give the resource script file for a modal dialog box.

5. State some message and selection flags meant for a menu resource.

6. explain in brief the MFC serialization mechanism.

7. what is an Activex control

8. define OLE

9. state the MFC classes used for ODBC Database Programming

10. state the techniques used for playing audio files

PART-B [80 MARKS]

11 (a) (i) Explain in detail the GDI objects (1) Device Context (2) Brush (3) Pen

(ii) Write a Win32 program to draw different shapes using different colors and fill styles.

                    OR

b) Explain the windows message map architecture in detail with a sample program

12 (a) (i) Describe in detail the microsoft foundation classes relating to user interfaces.

(ii) Explain the CListBox class and its member function in detail with an example program

                    OR

(b) (i) State the use and explain the common dialog control in detail

(ii) Explain how modal and modeless dialog boxes.

13 (a) (i) Write notes on the rich edit control in detail

(ii) Explain how reading and writing is done in a SDI Document

                    OR

b) What is DLL? Explain its types and advantages in detail. write a program to create a user defined DLL

14a) Develop an application to create a simple Active X control using MFC.

OR

b)Explain the Ole drag and drop mechanism in detail.

15a) (i) Explain the multithreading concept in VC++.

(ii) Explain the use of WinInet API

OR

(b) develop a database applicaton for maintaining student details