2007 JAWAHARLAL NEHRU UNIVERSITY(JNU) M.C.A COMPUTER APLICATIONS

MCA COMUTER APPLICATION QUESTION PAPER

Time-3 hour
Mark-60

1.a) Explain the VC++ development environment with suitable example.

b) Write a VC++ program to create project workspace and show the controls and variables.

2.a) Discuss the graphics device interface with its applications.

b) How to implement serializable class? Explain with a program.

3.a) Describe the creation of data base application using ODBC.

b) Write a socket method for creating networking environment between two systems.

4.a) How to create a menus for application? Explain with an example.

b) To create own dialog windows write the pseudo code.

5.a) Differentiate among event driven vs object oriented programming.

b) With suitable application explain forms and conditional statement.

6. Explain the following:

(a) Creating a pop-up mems

(b) Getting information from user

(c) Creating a tool bar.

7.a) List out the applications of MDI.

b) Write a simple application program using graphics.

8. Write short notes on:

(a) IIS applications

(b) Crystal reports

(c) DLL.