EASTERN UNIVERSITY, SRI LANKA

DEPARTMENT OF MATHEMATICS

SPECIAL REPEAT EXAMINATION IN SCIENCE - 2007/2008

THIRD YEAR FIRST AND SECOND SEMESTER (FEB., 2010)

OC 305 – RAPID APPLICATION DEVELOPMENT

Answer all Questions   Time: Two Hours

Compare and contrast the following in Visual Basic:

i.   Load form and show form, Hide form and unload form, Modeless and Model form.

ii. List box control and Data-bound List box control, Seek and Find operation.

iii. Image box and picture box, Text box and label, Array and control array.

iv. Combobox and Listbox, activex DLL and activex EXE.

a) Write code in Visual Basic to explain the following:

i.   Write the VB statement to reset the insertion point into a text box named txtName.

ii. Write the VB statement to make a label named lblAnswer become invisible.

iii. Write a VB statement that declares a variable named intQuantity of type Integer.

iv. Write a VB statement that declares a variable named A to store monetary value.

v.   Declare a string named UserName.

b) Explain how you can create menus and pop-up menus in Visual Basic Programming language.

i.   Create an example to add an Activex control to a Web page.

ii. Create a simple Activex control and test that control from a Standard EXE. Add properties and Methods to this Activex control.

4.

i. Explain the objects Database, Recordset, connection, and Command Statement in Visual Basic.

ii. Give the syntax of opening a Database using Database object.

iii. Give the syntax of opening a recordset from a Database object.

iv. Explain some of the recordset properties like fields, recordcount, bookmark, movenext, addnew, update with simple Visual Basic codes.

v. Explain the uses of Data control DAO, ADO used in Visual Basic to access data.

vi. Explain some properties of ADO control.