55805  Seat No.__________

Third Year B.C.A. Examination
April / May - 2003

Visual & Windows Programming (BCA-305)

Time : 3 Hours] [Total Marks : 70

1  Do as directed : (attempt any ten)  10
(1) List different editions of Visual Basic.
(2) What is the use of SubMain ?
(3) How will you register ActiveX control in windows ?
(4) Define : Property and Method
(5) Is it compulsory to declare a variable before using it ?
   (Yes/No)
(6) Explain WITH...END with statement with a suitable example.
(7) What is the use of “static” keyword ?
(8) Give extensions for different module types in VB.
(9) How will you set timer for 10 seconds ?
(10) Explain SelStart and SelLength properties of Rich Text Box.
(11) What is the use of Password Char property of Text Box ?
(12) What is the use of Form Layout window ?

2  (a) Explain following properties and methods :  5
   (1) Clear method (ComboBox)
   (2) Tick frequency
   (3) Interval
   (4) Fixed Rows (Flex grid)
   (5) Item (Collection)
   (b) Explain all Cursor types and Lock types in ADO.  5

OR

(a) Define following terms :
   (1) IDE
   (2) Bang Menu

55805]  1  [Contd...
(3) VbCrLf
(4) Ambient Property
(5) DSN

(b) Explain in detail. ActiveX EXE and ActiveX DLL. Give comparison between them.

3 (a) Differentiate the following:
    (i) Procedural programming and Event driven programming.
    (ii) Array and Collection.
(b) Write codes to add all employee names from Emp table using recordset object of ADO.
(c) Write a short note on Package and Deployment Wizard.

OR

3 (a) Explain Array and Dynamic Arrays. Explain Dim and Redim statements to declare arrays.
(b) Write code to create ActiveX control having properties Value 1 and Value 2 and three text boxes namely text 1, text 2, text 3. The first property value 1 is dealing with text 1 and second property value 2 is dealing with text 2. Create one method addition, which will add two values given in text 1 and text 2 and display the answer in text 3.
(c) How to create popup menu on right click of mouse?

4 (a) List and explain all application types in VC++.
(b) Write a code to create RGB model using three scroll-bars. The color will be available as a background colour of Label.
(c) Explain all ON ERROR... statements in brief.

OR

4 (a) List all resources available in VC++. Explain all of them in brief.
(b) Write a code for Cut, Copy, Paste in Notepad application.
(c) Explain in brief: Features of V.B.
(a) Explain in detail: All project types in VB.
(b) Write steps to create RTF/HTML help.
(c) List all Microsoft Common controls and explain toolbar in brief.

OR

(a) Explain in detail: Microsoft Windows Common Dialog Control.
(b) Explain Data Environment in brief.
(c) Explain all statements to declare variable in VB.