

**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 (Combo Box)
- (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

- (3) VbCrLf
- (4) Ambient Property
- (5) DSN
- (b) Explain in detail. ActiveX EXE and ActiveX DLL. Give comparison between them. **5**
- 3** (a) Differentiate the following : **4**
  - (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. **4**
- (c) Write a shortnote on Package and Deployment Wizard. **2**

**OR**

- 3** (a) Explain Array and Dynamic Arrays. Explain Dim and Redim statements to declare arrays. **4**
- (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. **4**
- (c) How to create popup menu on right click of mouse ? **2**
- 4** (a) List and explain all application types in VC++. **5**
- (b) Write a code to create RGB model using three scroll-bars. The color will be available as a background colour of Label. **3**
- (c) Explain all ON ERROR... statements in brief. **2**

**OR**

- 4** (a) List all resources available in VC++. Explain all of them in brief. **5**
- (b) Write a code for Cut, Copy, Paste in Notepad application. **3**
- (c) Explain in brief : Features of V.B. **2**

- 5** (a) Explain in detail : All project types in VB. **5**  
(b) Write steps to create RTF/HTML help. **5**  
(c) List all Microsoft Common controls and explain toolbar in brief. **2**

**OR**

- 5** (a) Explain in detail : Microsoft Windows Common Dialog Control. **5**  
(b) Explain Data Environment in brief. **3**  
(c) Explain all statements to declare variable in VB. **2**
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