

**B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, APRIL 2013****Fourth Semester**

Complementary Course—Computer Science

**VISUAL PROGRAMMING TECHNIQUES**

(Common for B.Sc. Mathematics, Model I, B.Sc. Statistics, B.Sc. Industrial Microbiology and Zoology and B.Sc. Petrochemicals)

Time : Three Hours

Maximum Weight : 25

**Part A (Objective Type)***Answer all questions.**Each bunch of four questions carries a weight of 1.*

- I. 1 Every object in VB has a set of characteristics known as :
- (a) Methods. (b) Properties.  
(c) Event. (d) Actions.
- 2 The data type that is used to specify True or False value :
- (a) Byte. (b) Boolean.  
(c) Bool. (d) Bit.
- 3 \_\_\_\_\_ is the place where the programmes will build the interface to the application program :
- (a) Project. (b) Form.  
(c) Application. (d) Window application.
- 4 The control that displays of DB in a table format ?
- (a) Data grid. (b) DB combo.  
(c) Recordset. (d) Text box.
- II. 5 The default parameter passing mechanism in VB is \_\_\_\_\_.
- (a) Byval. (b) By Ref.  
(c) By value. (d) None.
- 6 \_\_\_\_\_ property determines it text box will contain single or multiple lines.
- (a) Multiple. (b) Multiline.  
(c) Mult. (d) Lines.

Turn over



- 7 The value of variant variable is \_\_\_\_\_.
- (a) 0. (b) 1.  
(c) Null. (d) Indeterminant.
- 8 \_\_\_\_\_ property of command button is used to incorporate picture file.
- (a) Text. (b) Image.  
(c) Picture. (d) Style.
- III. 9 Expand DLL.
- 10 The size of currency data type is \_\_\_\_\_.
- 11 The application name always appear in \_\_\_\_\_ window.
- 12 \_\_\_\_\_ is a combination of textbox and list box.
- IV. 13 The full form of OLEDB is \_\_\_\_\_.
- 14 The default value of min property of scroll bar control is \_\_\_\_\_.
- 15 \_\_\_\_\_ property of data control specifies table of databases to be used.
- 16 The statement used to exit from a for .... Next loop is \_\_\_\_\_.

(4 × 1 = 4)

#### Part B

*Answer any five of the following.  
Each question carries a weight of 1.*

- 17 Define ADO.
- 18 What do you mean by event driven programming ?
- 19 Write the syntax of SELECT CASE.
- 20 Write the syntax of Msg box function.
- 21 What do you mean by OLE control ?
- 22 What do you mean by pop-up menus ?
- 23 What are the properties of Image box ?
- 24 What do you mean by project explores window ?

(5 × 1 = 5)

#### Part C

*Answer any four of the following.  
Each question carries a weight of 2.*

- 25 Explain data types in VB.
- 26 Explain properties, methods and events of form ?



- 27 Explain Timer control.
- 28 Explain menus in VB.
- 29 What are the differences between check box and radio button ?
- 30 Explain data control.

(4 × 2 = 8)

**Part D**

*Answer any two.*

*Each question carries a weight of 4.*

- 31 Explain Data access methods in VB.
- 32 Explain List box and Combo box. Write on VB application to add, remove, search, sort items in list box.
- 33 Explain looping statements in VB.

(2 × 4 = 8)