ADIT/BIT PROGRAMME

Term-End Examination

December, 2010

CST–104 : VISUAL PROGRAMMING

00485

Time : 2 hours   *Maximum Marks : 50*

Note :   *There are two sections in this paper. Section–A consists of objective type questions and short answer type questions. All questions in Section–A are compulsory and they carry 26 marks. Section–B consists of descriptive type questions and carries 24 marks. Answer any two questions from Section–B.*

SECTION–A

1.   Attempt the following 10 objective type questions. There are *four* choices for each question. Select the best choice as your answer. If you feel that none of the given choices are correct, than mark '0' as your answer. Each question carries *one* mark.   **10x1=10**

   (a)   The operator used to perform exponentiation in VB is :

   (i)   ∧   (ii)   \

   (iii)   **   (iv)   !

(b) In VB, currency data type occupies _____ bytes of memory storage.

(i) 2   (ii) 4

(iii) 6   (iv) 8

(c) The numeric function to convert number to long is :

(i) Val   (ii) Ccur

(iii) CLng   (iv) CDbl

(d) The string function to convert number values to string values is :

(i) L case $ (ii) L trim $

(iii) Len   (iv) Str

(e) The control needed to display the title or instructions on the form is :

(i) Label   (ii) Command button

(iii) Text box   (iv) Multiline text box

(f) The control needed to provide multiple choice option on the form is :

(i) check-box   (ii) option button

(iii) combo-box   (iv) list box

(g) DDE stands for

(i) Dynamic Data Exchange

(ii) Dynamic Driver Exchange

(iii) Dynamic Data Environment

(iv) Data Dynamic Environment

(h) To display a rectangle, square, oval, circle, rounded rectangle or rounded square select _____ control on the form.

(i) Image   (ii) Image - list

(iii) Shape   (iv) Picture - box

(i) An object, like a text - box receives the focus on a form with the help of the event _____.

(i) Lost focus   (ii) Drag over

(iii) Drag drop   (iv) Got focus

(j) A _____ represents a components or an objects attribute.

(i) Event   (ii) Event handler

(iii) Tool box   (iv) Property

2. Write an event procedure that simulates a phone - dialer in VB i.e use any grid to produce number pad of the phone, on clicking the number on the pad, the respective number should be displayed in the text box. Draw the sample - layout of the form.   8

3. Explain the following controls by mentioning their purpose of use and also mention the events associated with these controls.   8

(a) Command button

(b) Picture box

(c) Drop-down list box

(d) Combo box

SECTION - B

There are *three* questions in this section (numbered 4 to 6). Attempt *any two* questions. This section carries **24** marks :

4. (a) Write the step - by - step procedure to create **6** and assess the database using the Data Manager.

    (b) Write an event procedure to find the **6** maximum and minimum of the given "N" numbers. Design an interactive user interface.

5. Write short notes on the following : **3x4=12**

    (a) Control Array

    (b) OLE

    (c) Menu editor

6. (a) What is a form ? List and explain any four **6** properties of the form.

    (b) Write an event procedure to generate **6** fibonacci series for the first "N" terms.

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