## ADIT/BIT

### Term-End Examination

### December, 2011    00370

### CST-104 : VISUAL PROGRAMMING

*Time : 2 hours*                         *Maximum Marks : 50*

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*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 **two** questions from **SECTION - B**.*

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### 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.

    (a)   To stop a running program in VB :    **10x1=10**

        (i)    click the *End icon* in the VB Toolbar

        (ii)   Press ALT+ F4

        (iii)  select end from the Run menu

        (iv)  any to the above

(b) The screen that will flash in and out of view before the main application window appears which consists of the applications details is :

(i) Splash screen

(ii) Authorization screen

(iii) Canvas area

(iv) None

(c) The data type suffix characters for the currency data type in VB is :

(i) @            (ii) !

(iii) ~           (iv) .$

(d) To enforce variable declarations before they are used we use :

(i) Option Implicit

(ii) Global declarations

(iii) ReDim

(iv) Option Explicit.

(e) The controls are given some attributes which clearly defines the activities to performing these are called as :

(i) Properties       (ii) Methods

(iii) Templetes       (iv) .Events

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(f) An *Err* object contain(s) the method(s) :

   (i) clear method

   (ii) Raise method

   (iii) Both (a) and (b)

   (iv) None of the above

(g) _____ acts like a container for the other forms in the application.

   (i) Frame

   (ii) MDI parent form

   (iii) MDI child form

   (iv) SDI form

(h) The control that is used to draw lines squares and circles is :

   (i) Shape control

   (ii) Image control

   (iii) Tabstrip control

   (iv) Image list control

(i) ∧ is the operator for performing the arithmetic operation :

   (i) Addition

   (ii) Multiplication

   (iii) Exponentiation

   (iv) Mod

(j) _____ is a set of similar data types :

(i) Structure (ii) Union

(iii) Pointer (iv) Array

2. What is an active X Control ? Explain its usage . 3

3. What is the use of a Tabstrip control on a form ? 4
Explain with a suitable example.

4. Write an event procedure to generate even 5
numbers from 1 to 100.

5. Define a variable. Write the syntax for a variable 4
declaration. What are the rules that are applicable
in order to name a variable ?

## SECTION - B

There are *three* questions (Numbered 6 to 8).
Altmpt *any two*. This section caries 24 marks.

6.  (a)  Explain various data types in VB, their range    6
         and the purpose of use.

    (b)  Write an event procedure to reverse a given    6
         string.

7.  (a)  List and explain various VB file system    6
         controls.

    (b)  Write an event procedure to display the    6
         multiplication table from 2 to 10 using a
         Grid control (for displaying) on the form.

8.  Briefly explain the following controls :    12

    (a)  Label control

    (b)  status bar control

    (c)  H Scroll bar control

    (d)  Timer control

    (e)  Frame control

    (f)  Check box control.