

**FOURTH SEMESTER B.Sc. DEGREE EXAMINATION, MAY 2014**

(UG—CCSS)

Complementary Course—Computer Science

CS 4C 04—VISUAL **PROGRAMMING**

Time : Three Hours

Maximum : 30 Weightage

**I.** Answer *all* questions :

- 1 The default Visual Basic data type is \_\_\_\_\_
- 2 \_\_\_\_\_ data type accept only True or False values.
- 3 \_\_\_\_\_ is a combination of textbox and listbox
- 4 Controls are \_\_\_\_\_
  - (a) Code.
  - (b) Part of menu.
  - (c) Rules. \_\_\_\_\_
  - (d) Objects. \_\_\_\_\_
- 5 \_\_\_\_\_ buttons provide mutually exclusive selection
  - (a) Option.
  - (b) Par.
  - (c) Rules. \_\_\_\_\_
  - (d) Objects. \_\_\_\_\_
- 6 OLE means :
  - (a) Option Linking and embedded
  - (b) Object Linking and embedding
  - (c) Object Linking and embedded
  - (d) Option linked and enabled
- 7 The \_\_\_\_\_ displays a list of all forms and modules making up your application.
  - (a) Project Window.
  - (b) Property window.
  - (c) Toolbox. \_\_\_\_\_
  - (d) Menu. \_\_\_\_\_
- 8 \_\_\_\_\_ Built-in procedure that can be invoked to impart some action to a particular object.
- 9 \_\_\_\_\_ are instances of the class.
- 10 The \_\_\_\_\_ Window displays a list of all forms and modules making up your application.
- 11 MDI stands for \_\_\_\_\_
- 12 We can use a data adapter's \_\_\_\_\_ method to fill a data set.

(12 x  $\frac{1}{4}$  = 3 weightage)**Turn over**

**II. Short answer type questions. Answer all *nine* questions :**

- 13 Explain the advantage of VB.net.
- 14 Differentiate MDI and SDI.
- 15 What is meant by option explicit ?
- 16 Write a short note on built in functions.
- 17 Define a class?
- 18 What is an exceptions
- 19 Define the timer.
- 20 Define a dataset.
- 21 What is an input box ?

(9 x 1 = 9 weightage)

**III. Short Essay *or* Paragraph Questions. Answer any *five* questions :**

- 22 Explain the advantages of event driven programming ?
- 23 Differentiate Select case and choose ?
- 24 What is an array ? Explain.
- 25 What is the Difference modal and moduleless window ?
- 26 Differentiate combobox and Listbox.
- 27 Explain about datagrid with example.
- 28 What is ADO ? Explain.

(5 x 2 = 10 weightage)

**IV. Essay Questions. Answer any *two* questions :**

- 29 Explain any *five* basic controls with examples.
- 30 What is looping explain any *four* looping technique in VB ?
- 31 Design application for warehouse. The database contains the field's item code, name, unit price, quantity, date. Perform insert and search operation. Also produce the report for a particular item.

(2 x 4 = 8 weightage)