

**FOURTH SEMESTER B.Sc. DEGREE (SUPPLEMENTARY/IMPROVEMENT)  
EXAMINATION, MAY 2016**

(UG—CCSS)

Complementary Course

CS 4C 04—VISUAL PROGRAMMING

Time : Three Hours

Maximum : 30 Weightage

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

- 1 The default Visual Basic data type is \_\_\_\_\_
- 2 The location of the form on the desktop during execution is determined by the :  
(a) Project Explorer window. (b) Context Menu.  
(c) Form Layout window. (d) Form Designer window.
- 3 \_\_\_\_\_ is a combination of `textbox` and `listbox`.
- 4 A `textbox` is an example of which of the following ?  
(a) Property. (b) Control.  
(c) Method. (d) Event.
- 5 \_\_\_\_\_ buttons provide mutually exclusive selection.  
(a) Option. (b) Par.  
(c) Rules. (d) Objects.
- 6 The \_\_\_\_\_ event occurs before the form is displayed.
- 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 \_\_\_\_\_ are a convenient way to handle groups of controls that perform a similar function.
- 9 The \_\_\_\_\_ allows to define the menu structure.
- 10 A \_\_\_\_\_ variable occupies only 8 bits.
- 11 The `Tick` event is found only in \_\_\_\_\_ Object.
- 12 \_\_\_\_\_ the simplest control in the Visual Basic toolbox.

(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 Why VB is called a smart language ?
- 15 What is meant by option explicit ?
- 16 Explain about the Data object.
- 17 Define a class.
- 18 What is an array ?
- 19 Define the timer.
- 20 Define a dataset.
- 21 What is an input box ?

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

(9 x 1 = 9 weightage)

- 22 Explain about functions with suitable examples. Differentiate Select case and choose.
- 23 What is a Menu editor ? Explain.
- 24 What is the Difference modal and **moduleless** window ?
- 25 Explain about object oriented programming.
- 26 Explain about **datagrid** with example.
- 27 What is ADO ? Explain.

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

(5 x 2 = 10 weightage)

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

(2 x 4 = 8 weightage)