

FOURTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL/MAY 2015

(U.G.—CCSS)

Complementary Course

Computer Science

CS 4C 04—VISUAL PROGRAMMING

Time : Three Hours

Maximum 30 Weightage

I. Answer *all* questions :-

1. The application name always appears in the :
 - (a) Properties window.
 - (b) Intermediate window.
 - (c) Code window.
 - (d) Title bar.
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. Visual Basic forms are identified by a :
 - (a) ".frm" suffix.
 - (b) ".mak" suffix.
 - (c) ".for" suffix.
 - (d) ".vbp" suffix.
4. A **textbox** is an example of which of the following ?
 - (a) Property.
 - (b) Control.
 - (c) Method.
 - (b) Event.
5. A _____ describes the variables, properties, procedures, and events of an object.
6. The _____event occurs before the form is displayed.
7. The first item in a list box has a Selected Index value of _____
8. _____are a convenient way to handle groups of controls that perform a similar function.
9. SDI stands for _____
10. A _____variable occupies only 8 bits.
11. _____returns a value.
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 about common language runtime ?
14. Why **VB** is called a smart language ?
15. Write a short note on project explorer ?
16. Explain about the OLE ?
17. Define the handling technique of time and date ?
18. What is an object ?
19. What is meant by data provider ?
20. Define a **scrollbar** ?
21. Explain the uses of data control ?

(9 x 1 = 9 weightage)

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

22. Explain about functions with suitable examples.
23. Explain about any five data types.
24. What is a Menu editor ? Explain.
25. What is meant by form ? Explain.
26. Explain about object oriented programming ?
27. What is file controls ?
28. Differentiate data adapters and **datasets** ?

(5 x 2 = 10 weightage)

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

29. Explain about **VB IDE** ?
30. Explain about **Msgbox, Inputbox**, button, option button ?
31. Develop an application for processing of mark list. It should contain **radio**, name, mark of various subject total marks. Perform insert and search operation. Also prepare the progress card of a particular student.

(2 x 4 = 8 weightage)