(6 pages)   Reg. No. : ....

Code No. : 41394 E   Sub. Code : SMCS 41

B.Sc. (CBCS) DEGREE EXAMINATION,
APRIL 2019.

Fourth Semester

Computer Science – Main

VISUAL BASIC

(For those who joined in July 2017 onwards)

Time : Three hours   Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer:

1. The property of the text box that is displayed at runtime is the:
    (a) Text
    (b) Caption
    (c) Label
    (d) Value

2. User defined data type structure can include ——————— arrays.
    (a) Static
    (b) Dynamic
    (c) Both (a) and (b)
    (d) Control

3. ——————— shortcut key is used to create menu.
    (a) Ctrl + E
    (b) Alt + E
    (c) Ctrl + M
    (d) Alt + M

4. MDI forms can't contain object other than
    (a) Child forms
    (b) Project form
    (c) Module form
    (d) None of the above

5. What will pass the jet query processes?
    (a) DBSqLpass
    (b) ADO
    (c) RDO
    (d) None of the above

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6. Which below is specified by the Data member property?

    (a) Connection object

    (b) Data Adopter object

    (c) Database field

    (d) Database table

7. ADO is the high-level interface to —————.

    (a) OLEDB   (b) RDO

    (c) ODBC   (d) MDI

8. ————————— is the combination of data and characteristics in single package.

    (a) Encapsulation   (b) Inheritance

    (c) Polymorphsim   (d) Object

9. A ——————— is also called as container.

    (a) ActiveX control   (b) ADO control

    (c) OLE control   (d) Form control

10. ——————— control display current directory with any sub directories and allow the user to change directory.

    (a) File list box   (b) Drive list box

    (c) Directory list   (d) All of the above

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Explain different types of arrays in visual basic with one example.

Or

    (b) What is OOP? Explain object, event and properties with example.

12. (a) Explain the advantages and disadvantages of using graphic methods.

Or

    (b) What is Menu? How to create menu in VB?

13. (a) Define data, information and database.

Or

    (b) Explain ADO data bound control and ADO control event.

14. (a) How to automate object using OLE?

Or

    (b) Discuss the features of OLE.

15. (a) What is difference between list and tree view.

Or

(b) Explain OLEDB provider.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Differentiate Msgbox ( ) function and statement.

Or

(b) Write in detail about control flow statement.

17. (a) Differentiate between datagrid and flex grid.

Or

(b) How to create menus in VB? Explain with eg.

18. (a) How to access data using RDO? Explain.

Or

(b) Discuss about advantages of ODBC.

19. (a) Describe in detail, using OLE Automation objects.

Or

(b) Explain :
   (i) OLE Drag and drop.
   (ii) OLE Automation.

20. (a) Discuss the following with examples.
   (i) Accessing files in VB.
   (ii) Interface with windows.

Or

(b) Explain file system controls in VB.

———————