Reg. No. : ....

Code No. : 10236 E   Sub. Code : SMCA 41/
AMCA 41

B.C.A. (CBCS) DEGREE EXAMINATION, APRIL 2023.

Fourth Semester

Computer Application – Core

VISUAL BASIC

(For those who joined in July 2017 – 2020 only)

Time : Three hours   Maximum : 75 marks

SECTION A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. In Visual BASIC project, forms are stored with an extension ————
   (a) .form   (b) .frm
   (c) .vbform   (d) .vbpfrm

2. Visual BASIC is a tool that allows you to develop an application in
   (a) Real time   (b) late time
   (c) GUI environment (d) CUI environment

3. MDI stands for ————
   (a) Multiple Design Interface
   (b) Multiple Document Interface
   (c) Menu Design Interface
   (d) Manipulated Database Interface

4. A ————in Visual BASIC is used to create applications that present information in rows and columns
   (a) MSGridLine
   (b) MSLineGrid
   (c) MSGraphGrid
   (d) MSFlexGrid

5. ————————objects enable you to manipulate the structure of your database and the data it contains from Visual Basic
   (a) DDE   (b) ADO
   (c) AOD   (d) DOD

6. The Data control implements data access using
   (a) Microsoft Jet Engine
   (b) ODBC
   (c) Open Engine
   (d) Open Excel

7. ———— is used to link or embed objects in VB Projects from other Windows applications
   (a) OLE   (b) LOE
   (c) LEO   (d) LLO

8. ———— control displays data that is calculated during runtime, using built-in functions as the report is generated
   (a) Caption
   (b) Connection
   (c) Function
   (d) Date

9. In OLE DB, action that an object can perform is called as ————
   (a) abstraction
   (b) encapsulation
   (c) method
   (d) collection

10. VB provides ————native toolbox controls for working with the file system.
    (a) Four   (b) three
    (c) two   (d) seven

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Write about the data types in Visual BASIC.

    Or

    (b) Explain the concept of control arrays.

12. (a) How is an MDI form created?

    Or

    (b) Write about the message box in Visual BASIC.

13. (a) Discuss use of DAO object.

    Or

    (b) Mention the ways of accessing databases in Visual BASIC.

14. (a) What is the use of data report? Explain with example?

    Or

    (b) How will you embed Microsoft PowerPoint using OLE?

15. (a) Write a note on files in Visual BASIC.

Or

(b) Discuss OLE DB.

SECTION C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b)
Each answer should not exceed 600 words.

16. (a) Write a visual BASIC program to display Fibonacci series. Draw the form and controls used.

Or

(b) Write a detailed note on arrays in Visual BASIC.

17. (a) Using Flex Grid create multiplication table.

Or

(b) Explain Mouse events.

18. (a) How is data accessed using RDO? Discuss.

Or

(b) Describe ADO objects.

19. (a) Write steps to create an inventory report

Or

(b) Explain OLE container controls.

20. (a) How do you work with built-in ActiveX controls?

Or

(b) Discuss file system controls.

———————