IV Semester B.C.A. Examination, May 2017
(F + R) (CBCS) (2015 – 16 & Onwards)
COMPUTER SCIENCE
BCA 403 : Visual Programming

Time : 3 Hours

Max. Marks : 70

Instruction : *Answer **all** the Sections.*

SECTION – A

Answer **any 10** questions.

(2×10=20)

1. What is a Visual Basic Event ? What are mouse events ?

2. What are the logical operators in VB ?

3. Explain any two common properties of VB controls.

4. Explain dynamic array with syntax.

5. What is a function procedure ?

6. Explain Date Time Picker control in VB.

7. What is MDI form ? Explain.

8. Write a note on checkbox control.

9. What is ODBC ? Explain.

10. What are Help files ?

11. What is MFC ? Explain.

12. What are DLLS ? Explain.

SECTION – B

Answer **any 5** questions.

(5×10=50)

13. a) Explain different Do Loops used in VB with syntax.
    b) Explain any five string operations in VB.

(5+5)

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14. a) Explain combobox control and how to add items to combobox during design time and run time.

    b) Write notes on Drive Listbox, Directory Listbox and File Listbox. **(5+5)**

15. a) What are Modules ? Explain different types of Modules.

    b) Explain common dialog control with suitable example. **(5+5)**

16. a) Write notes on Windows API viewer.

    b) Explain data abstraction and encapsulation in VB. **(5+5)**

17. a) Write notes on file handling.

    b) Explain DAO (Data Access Objects). **(5+5)**

18. a) Write notes on Record set.

    b) What is ADODC ? What are the features of ADODC ? **(5+5)**

19. a) Explain menus and how to create menu in VC++.

    b) Explain splitter windows. **(5+5)**

20. a) Design a VB application for login page. Validate the user name and password in programming part.

    b) Write a VC++ program to create a Dialog Box and Display the message. **(5+5)**

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