IV Semester B.C.A. Degree Examination, Sept./Oct. 2022

(CBCS) (F+R)

COMPUTER SCIENCE

BCA403T : Visual Programming

Time : 3 Hours

Max. Marks : 70

Instruction : *Answer **all** the Parts.*

PART – A

(Answer **any 10** questions. **Each** question carries **2** marks.)

(2×10=20)

1. Define visual basic.

2. Define Event. Mention any two events.

3. Explain any two common properties of VB controls.

4. Explain dynamic array with example.

5. What are logical operators in VB ?

6. Write any two differences between Function and Procedure.

7. Write a note on Checkbox control.

8. What are DLL files ? Explain.

9. List access modes for opening a file in VB.

10. What are help files ?

11. What are END and ENDWITH statement in VB ?

12. Define resources in VC++.

PART – B

(Answer **any 5** questions. **Each** question carries **10** marks.)

(5×10=50)

13. a) What is IDE in VB ? Discuss the components of IDE.

(5+5)

    b) What is variant datatype ? Explain with example.

14. a) Explain the various property of text box controls.　　**(5+5)**

　　b) What is the difference between image box and picture box controls ?

15. a) Write a note on progress bar.　　**(5+5)**

　　b) Explain any five string operations in VB.

16. a) What is menu ? Explain the steps to create a menu with suitable example.　　**(5+5)**

　　b) Explain call by value and call by reference with example.

17. a) What is ADODC ? What are the features of ADODC ?　　**(5+5)**

　　b) What is MDI form ? Explain with an example.

18. a) Write a note on file handling.　　**(5+5)**

　　b) Explain DAO object.

19. a) What is the difference between MDI and SDI document architecture ?　　**(5+5)**

　　b) Describe the steps to create dialog box using resource editor in VC++.

20. a) What is MFC ? Explain MFA Characteristics.　　**(5+5)**

　　b) What is an exception ? Explain Exception handling concept in VC++.

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