



US – 641

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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