



SM – 620

IV Semester B.C.A. Examination, May/June 2018
(CBCS) (F+R) (2015 – 16 & Onwards)
COMPUTER SCIENCE
BCA – 403 : Visual Programming

Time : 3 Hours

Max. Marks : 70

Instruction : Answer all Sections.

SECTION – A

Answer any ten questions :

(10×2=20)

1. Define Visual Basic ?
2. Name any two types of application created with Visual Basic.
3. Define event. Give two example of events in visual basic.
4. Define string data type ? Name types of strings.
5. What are different type of combo box styles ?
6. Define DIL.
7. List access mode of opening file in Visual Basic.
8. What are data aware controls ? Name any two data access controls.
9. Explain cursor types of ADO.
10. What is MFC ? Name any two MFC classes.
11. What is splitter window in VC++ ? Mention the type of splitter window.
12. Define resources in VC++.

P.T.O.



SECTION – B

Answer any 5 complete questions.

(5×10=50)

13. a) Explain features of Visual Basic.
b) What are data types in VB ? Explain. (5+5)
14. a) Explain entry controlled loops of visual basic.
b) What is control array ? Explain use of control array with example. (5+5)
15. a) Explain InputBox() and MsgBox() functions in Visual Basic.
b) State the difference between ListBox & ComboBox. (5+5)
16. a) What is class Module ? Explain the procedure to create class module in visual basic.
b) Explain random access file handling with open, read and write process. (5+5)
17. a) What is difference between call by value and call by reference in procedures of visual basic ?
b) Write a note on timer control. Explain properties of it with example program. (5+5)
18. a) Explain different type of record set object.
b) Write a visual basic program to store student data into database using ADODC. (5+5)
19. a) Describe Microsoft VC++ Environment.
b) Write a note on Message Maps of VC++. (5+5)
20. a) Explain Document View Architecture.
b) How exception handling is done in VC++ ? (5+5)



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)

P.T.O.



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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MS – 573

**IV Semester B.C.A. Examination, May 2016
(CBCS) (2015-16 and Onwards)
COMPUTER SCIENCE
BCA 403 : Visual Programming**

Time : 3 Hours

Max. Marks : 70

Instruction : Answer *all* the Sections.

SECTION – A

Answer **any ten** questions :

(2×10=20)

1. What is an IDE in visual basic ?
2. Explain any two methods related to form object.
3. What are the advantages of control arrays ?
4. What is a variant data type ? Give an example.
5. Explain any four types of end statement in visual basic.
6. List the access modes of opening a visual basic file.
7. What is a module ? Mention the different types of modules.
8. What are data aware controls ? Explain.
9. What are the differences between list box and combo box in VB ?
10. Explain any two features of MFC libraries.
11. Write any two functionalities provided by DLLs.
12. How do you throw an exception in a try block ? Give an example.

SECTION – B

Answer **any five** questions :

(5×10=50)

13. a) Explain any five important features of visual basic.
- b) Explain the usage of List box and Check box controls with an example.

**(5+5)
P.T.O.**



14. a) What is an MDI form ? Explain with an example.
b) Explain the properties and methods of common dialog control. (5+5)
15. a) Explain select case statement in visual basic with a suitable programming example.
b) Explain different entry-controlled looping statements in visual basic with an example. (5+5)
16. a) Explain INPUT BOX() function with syntax and example.
b) What is a module ? Explain the different types of modules. (5+5)
17. a) Write a note on windows API viewer.
b) Explain the different types of help files. (5+5)
18. a) What is a record set ? Explain the different record set object methods with an example.
b) Design and write a visual basic program to validate the user name and password from the database and display the appropriate message (use ADD Data control). (5+5)
19. a) What are the different classes in a document/view architecture ? Explain.
b) Write a basic MFC program to create a simple window. (5+5)
20. a) Explain the important benefits of OLE.
b) Write a note on static and dynamic splitter windows. (5+5)

