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 : (10x2=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++.
Answer any 5 complete questions. (5x10=50)

13. a) Explain features of Visual Basic. (5+5)
   b) What are data types in VB? Explain. (5+5)

14. a) Explain entry controlled loops of visual basic. (5+5)
   b) What is control array? Explain use of control array with example. (5+5)

15. a) Explain InputBox( ) and MsgBox( ) functions in Visual Basic. (5+5)
   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. (5+5)
   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? (5+5)
   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. (5+5)
   b) Write a visual basic program to store student data into database using ADO/DC. (5+5)

19. a) Describe Microsoft VC++ Environment. (5+5)
   b) Write a note on Message Maps of VC++. (5+5)

20. a) Explain Document View Architecture. (5+5)
   b) How exception handling is done in VC++? (5+5)
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.
10. What are Help files?

**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 ADO? What are the features of ADO? (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)
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 : \(2\times 10=20\)

1. What is an I/O 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 : \(5\times 10=50\)

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 ADO 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. \( (5+5) \)