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++.
Answer any 5 complete questions. (5x10=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)


b) How exception handling is done in VC++? (5+5)