



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. (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)
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