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)

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