MS – 573

27

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)**