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 : (2x10=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 : (5x10=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)