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)**

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)**

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