

B.C.A./B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, APRIL 2018**Fourth Semester****Core Course—VISUAL PROGRAMMING TECHNIQUES**

(For B.C.A. and B.Sc. Computer Applications {Triple Main})

[2013 Admission onwards]

Time : Three Hours

Maximum Marks : 80

Part A*Answer all questions.**Each question carries 1 mark.*

1. What is Visual Basic ?
2. What are controls in VB ?
3. Define a VB project.
4. What do you mean by an event ?
5. Which control is used to retrieve typed input from a user ?
6. How will you declare a variable ?
7. What do you mean by option explicit ?
8. Expand OLE DB.
9. What is an array ?
10. What are Active X data objects ?

(10 × 1 = 10)

Part B*Answer any eight questions.**Each question carries 2 marks.*

11. Distinguish between a variable and a constant.
12. List any four features of ADO.
13. Distinguish between a class and an object.
14. What are the three modes in VB ?
15. Write any two features of object oriented programming.
16. What is a combo box ? Explain.

Turn over

17. Write any four string handling functions.
18. What are the data types used in VB ?
19. List the properties of a VB project.
20. What is a package ?
21. What are methods ?
22. Write the syntax of if statement.

(8 × 2 = 16)

Part C

*Answer any six questions.
Each question carries 4 marks.*

23. What is a menu ? Explain the properties of menu editor.
24. Explain the different types of variables.
25. Discuss the looping statements in VB.
26. Explain the functions of Input box () and msg box.
27. Explain the properties of package and deployment wizard.
28. Write notes on VB IDE.
29. Explain crystal reports.
30. Discuss the different types of errors.
31. Explain the parts of a VB project.

(6 × 4 = 24)

Part D

*Answer any two questions.
Each question carries 15 marks.*

32. Explain in detail the VB debugging tools.
33. Explain ADO data control and Jet DAO.
34. Explain in detail the different types of controls and how they are added to a form.
35. Write notes on :
 - (a) Collections.
 - (b) Toolbar.

(2 × 15 = 30)