

**E 6456**



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Reg. No.....

Name.....

**B.C.A./B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, MAY 2024**

**Fourth Semester**

Core Course—VISUAL PROGRAMMING TECHNIQUES

(For B.C.A. and B.Sc. Computer Applications [Triple Main])

[2013–2016 Admissions]

Time : Three Hours

Maximum Marks : 80

**Part A**

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

1. What is IDE ?
2. What are the steps in Visual Basic to create a project ?
3. What is a toolbox ?
4. What is the use of form designer ?
5. What is MDI ?
6. What are form files ?
7. What is a combo box ?
8. What is long variable ?
9. What is a frame ?
10. What is a timer ?

(10 × 1 = 10)

**Part B**

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

11. What are the 3 types of modes in Visual Basic ?
12. What is a toolbar ?
13. What is the difference between Project explorer and Form layout windows ?
14. What is the difference between an object and class ?
15. What is double variable ?

**Turn over**





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16. What is SDI ?
17. What is a check box ?
18. What is a list box ?
19. What is a sub-routine ?
20. What is call by reference ?
21. What is a menu ?
22. What is OLE ?

(8 × 2 = 16)

### Part C

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

23. Briefly, explain the basic structure of a VB program.
24. Briefly, explain conditional statements in VB.
25. Briefly, explain the process of handling runtime errors in VB.
26. Briefly, explain the various debugging tools in VB.
27. Write a VB program to find calculate compound interest and total amount.
28. Briefly, explain in detail the process of creating queries in VB.
29. Briefly, explain VB data controls with examples.
30. Briefly, explain in detail how reports are created in VB using crystal reports.
31. Briefly, explain the usage of the deployment wizard.

(6 × 4 = 24)

### Part D

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

32. Explain Visual Basic variables with examples.
33. Explain various types of Visual Basic collections with examples.
34. Explain ADO with examples and illustrations.
35. Explain Visual Basic advanced data access methods with examples.

(2 × 15 = 30)

