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B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, NOVEMBER 2022

Fourth Semester

Core Course—VISUAL PROGRAMMING

(For B.Sc. Computer Science)

[2013—2016 Admissions]

Time : Three Hours

Maximum Marks : 80

Part A

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

1. Which generation language is Visual Basic ?

2. What is IDE ?

3. What is the use of a frame ?

4. What is an array ?

5. What are the steps in Visual Basic to open an existing project ?

6. What is SDI ?

7. What is By Ref parameter ?

8. What is a method ?

9. What is a radio button ?

10. What is the use of VB Script ?

(10 × 1 = 10)

Part B

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

11. What is GUI ?

12. What are the various versions of Visual Basic ?

13. What is a sub-routine ?

14. What is a dynamic array ?

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15. What is a combo box ?

16. What is a ByVal parameter ?

17. Give examples of debugging tools in VB.

18. What are class modules ?

19. What is OLE ?

20. What is a control array ?

21. What is a Wizard ?

22. What is ADO ?

(8 × 2 = 16)

Part C

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

23. Describe the various types of VB projects.

24. Briefly, describe the various components of Visual Basic IDE.

25. Describe looping statements in VB with examples.

26. Describe conditional constructs in VB with examples.

27. What are various types of errors in VB ?

28. Briefly, explain MDI applications.

29. Briefly, explain how reports can be generated in VB using crystal reports.

30. Briefly, explain DHTML and its object model.

31. Briefly, explain ASP and its object model.

(6 × 4 = 24)

Part D

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

32. Explain the VB project lifecycle.

33. Explain data types in VB with examples and illustrations.

34. Explain VB Active X controls in detail.

35. Explain in detail the attributes, tags and structure of HTML.

(2 × 15 = 30)