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Reg. No.....

Name.....

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

Fourth Semester

Complementary Course—Computer Science

VISUAL PROGRAMMING TECHNIQUES

(For B.Sc. Mathematics Model I, Statistics, Petrochemicals and B.Sc. Zoology and Industrial Microbiology)

[2013—2016 Admissions]

Time : Three Hours

Maximum Marks : 60

Part A

Answer all questions.

Each question carries 1 mark.

1. What is a sub-routine ?
2. Which generation language is Visual Basic (VB) ?
3. What is project explorer ?
4. What is implicit variable declaration ?
5. What is a combo box ?
6. What is the use of a frame ?
7. What is a control array ?
8. What is ADO ?

(8 × 1 = 8)

Part B

Answer any six questions.

Each question carries 2 marks.

9. What is a form ?
10. What is event-driven code ?
11. What is a function ?
12. What is a check box ?

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13. What is explicit variable declaration ?
14. What is Vertical ScrollBar ?
15. What is OLE ?
16. What is the use of a menu ?
17. What is a naming control ?
18. What is a toolbar ?

(6 × 2 = 12)

Part C

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

19. What are the advantages of VB ?
20. What are the different types of VB projects ?
21. Describe statements for loops in VB with examples.
22. Describe statements to control program flow in VB with examples.
23. Briefly, describe Jet DAO.
24. Briefly, describe MDI and its applications.

(4 × 4 = 16)

Part D

*Answer any **two** questions.
Each question carries 12 marks.*

25. Explain data types in VB with examples and illustrations.
26. Explain the process of form creation in VB. How does one add controls to this form and set control properties ?
27. Explain advanced data access methods in detail.
28. Explain the various steps in creating queries in VB.

(2 × 12 = 24)

