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Reg. No.....

Name.....

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

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 to 2016 Admissions]

Time : Three Hours

Maximum : 60 Marks

Part A

Answer all questions.

Each question carries 1 mark.

1. Define Database Management System.
2. What is meant by event driven code ?
3. What is OLE object ?
4. What is the purpose of the Dim statement in Visual Basic ?
5. What is an IDE in Visual Basic ?
6. What is the use of list box ?
7. What is MDI form ?
8. Differentiate pop-up menu and sub menu.

(8 × 1 = 8)

Part B

Answer any six questions.

Each question carries 2 marks.

9. What are the differences between explicit and implicit variable declarations ?
10. Explain any two EXIT statements with an example.
11. What is the purpose of Val function ?
12. Explain any four types of End statements in Visual Basic.

Turn over





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13. Differentiate between ADO and DAO.
14. Explain different focus events in Visual Basic.
15. What do you mean by ODBC ?
16. Write short note on data control.
17. What is the purpose of ActiveX control ?
18. What is the use of checkbox ?

(6 × 2 = 12)

Part C

*Answer any **four** questions.*

Each question carries 4 marks.

19. What is an MDI form ? Explain with an example.
20. What are control arrays ? Explain the creation of controls arrays at design time with an example.
21. Explain the different data types available in Visual Basic.
22. Give the syntax of Message Box function in Visual Basic.
23. Explain select case statement in Visual Basic with a suitable programming example.
24. Explain frame control. List the advantages of using frame control in Visual Basic.

(4 × 4 = 16)

Part D

*Answer any **two** questions.*

Each question carries 12 marks.

25. (a) What are dialogue boxes? Explain different type of dialog boxes available in Visual Basic.
(b) With example explain different data types in Visual Basic.
26. (a) Explain the steps to create general procedure for a form and module with an example.
(b) What is a Module ? Explain the different types of modules.
27. Describe in brief all mouse events with example.
28. Briefly explain various advanced data access methods.

(2 × 12 = 24)

