UG–C-2381 **BCA–07X**

U.G. DEGREE EXAMINATION — DECEMBER, 2023.

Computer Applications

First Year

WINDOWS PROGRAMMING

Time : 3 hours Maximum marks : 70

PART A — (3 × 3 = 9 marks)

Answer any THREE questions out of five questions in 100 words.

All questions carry equal marks.

1. Write short note on Variant Data types.

2. What are the types of Tools box?

3. Define Control Arrays.

4. What are function procedures?

5. How to find the length of a string in VB? Give an example.

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words.

All questions carry equal marks.

6. Write down the steps to create a Visual basic project with suitable diagram.

7. Write short note on VB Data types.

8. Write any six String handling functions in VB.

9. Explain about Combo Boxes.

10. Write short on Scope rules in VB.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. Explain in detail about Dialog box with suitable diagram.

12. Discuss about Error objects in VB.

13. Explain Arrays in VB.

14. Discuss about MDI Forms in VB.

15. Write a Visual basic program to implement binary search.

16. Describe the various components of Menu Editor.

17. Explain about Text Boxes and Message Boxes with example.

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UG-C-2383 **BCA-09X**

U.G. DEGREE EXAMINATION – DECEMBER, 2023.

Computer Application

First Year

RELATION DATABASE MANAGEMENT SYSTEM

Time : 3 hours Maximum marks : 70

PART A — (3 × 3 = 9 marks)

Answer any THREE questions out of Five questions in 100 words

All questions carry equal marks

1. Define Foreign key and Candidate Key.

2. Write any three advantages of Fifth Normal Form.

3. List various data manipulation language commands.

4. Write the block structure of PL/SQL program?

5. Define Report. Write the merits of Reports.

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words

All questions carry equal marks

6. Write short note on Components of ER diagram.

7. Explain the rules of Data Normalization.

8. Explain the types of view in RDBMS.

9. Write short note on Table Properties?

10. What is Index and View? What are their advantages? Explain.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. Discuss Logical Database Design.

12. Explain Normalization Concept in RDBMS?

13. Write the PL/SQL block to find a factorial of a number?

14. Discuss about Forms with suitable example.

15. Explain the various Report generation techniques with suitable example.

16. Discuss about Microsoft Access and its connectivity procedure of SQL.

17. Explain Data Integrity in detail.

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