

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

B.Com.ISM - END SEMESTER EXAMINATIONS - NOV'2024

SEMESTER - V

20UBICT5011 - Visual Programming and RDBMS

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Compare InputBox and MessageBox in Visual Basic, highlighting their usage.
2. Show the steps to create an MDI (Multiple Document Interface) form in Visual Basic.
3. Classify and explain DML and DDL commands in SQL with examples.
4. Describe the role of the Visual Data Manager in managing data.
5. Illustrate how the Date and Time functions work in Visual Basic.
6. Interpret how to create a sample menu using the Menu Editor and handle menu events at runtime.
7. Explain the integrity constraints in SQL and how they maintain data integrity. Provide examples for each type of constraint.
8. Assess different types of record sets in Visual Basic and explain it.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Classify various components of the Integrated Development Environment (IDE) in Visual Basic and explain their significance in developing applications.
10. Discuss the different types of decision-making statements in Visual Basic with an example.
11. Infer the features of MS Flex Grid Control and its applications in Visual Basic.
12. Relate 3NF with BCNF in normalization, provide examples of each.
13. Examine the steps to establish a database connection in Visual Basic using the Visual Data Manager with an example.
