

DD-2770

**B.Sc. (Part–III)
EXAMINATION, 2020
COMPUTER SCIENCE
Paper Second
(DBMS and RDBMS)**

Time : Three hours

Maximum Marks : 50

Note : *Attempt any two parts from each question. All questions carry equal marks.*

Unit–1

1. (a) Explain DBMS architecture.
- (b) Explain various advantages of database management system.
- (c) Draw a E–R diagram for Bank Management System.

Unit–2

2. (a) Write the characteristics of RDBMS.
- (b) Explain function dependencies along with example.
- (c) Explain the pitfalls in Relational Database Design with suitable example.

[P.T.O.]

Unit-3

3. (a) Explain any five SQL Command with example.
- (b) What is view ? How to create a view ? Explain with example.
- (c) How can modify, add and delete a column in a table ? Explain with example.

Unit-4

4. (a) Explain Integrated Development Environment (IDE) in Visual Basic.
- (b) Why Visual Basic is known as event driven programming language ? Explain.
- (c) Write a program to calculate area of triangle in Visual Basic.

Unit-5

5. (a) Compare DAO, RDO and ADO controls.
- (b) What is Data Environment ? Write steps for creating data environment.
- (c) Write short note :
 - (1) Data List.
 - (2) Data Combo.