SB—498—2022

FACULTY OF SCIENCE

B.Sc. (Third Year) (Sixth Semester) EXAMINATION

JUNE/JULY, 2022

(CBCS New Pattern)

COMPUTER SCIENCE

Paper-XV-A

(Relational Database Management System)

(Tuesday, 12-07-2022)　　　　　　　　　　**Time : 10.00 a.m. to 12.30 p.m.**

Time— 2.30 *Hours*　　　　　　　　　　　　　　　　*Maximum Marks*—40

1.　Explain various database users and administration in detail.　　15

Or

(*a*)　Explain the basic structure of SQL query with example.　　8

(*b*)　Discuss features of good relational design.　　7

2.　What is Schema ? What are the advantages of using Schema ?　　15

Or

(*a*)　Explain the concept of Database Engine.　　8

(*b*)　Explain the concept of decomposition in detail.　　7

3.　Write short notes on any *two* of the following :　　10

(*a*)　Second Normal Form

(*b*)　Database System Applications

(*c*)　Keys

(*d*)　Aggregate functions in SQL