This question paper contains **2** printed pages]

V—350—2017

FACULTY OF SCIENCE

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

NOVEMBER/DECEMBER, 2017

COMPUTER SCIENCE

Paper XIII

(Relational Database Management System)

(Wednesday, 13-12-2017)   **Time : 10.00 a.m. to 12.00 noon**

Time—2 *Hours*   *Maximum Marks*—40

N.B. :— (*i*) *All* questions are compulsory.

(*ii*) *All* questions carry equal marks.

(*iii*) Figures to the right indicate full marks.

1. Solve any *four* :   8

(*i*)   Explain Normal forms.

(*ii*)   What is Integrity ?

(*iii*) What is Query ?

(*iv*)   Define table operation.

(*v*)   Explain Backup and Recovery.

(*vi*)   Explain client/server database.

2. Solve any *two* :   8

(*i*)   Explain advantages of DBMS.

(*ii*)   Explain form design in details.

(*iii*) Explain data storage methods in detail.

P.T.O.

3. Solve any *two* : 8

    (*i*) What is error handling ? Explain.

    (*ii*) Explain data clustering and partition.

    (*iii*) Explain Integrated application.

4. Attempt any *one* of the following : 8

    (*i*) Explain DDL and DML command.

    (*ii*) Explain security and privacy in detail.

5. Write short notes on any *two* : 8

    (*i*) Class diagram

    (*ii*) Joins

    (*iii*) Report

    (*iv*) Procedural language.