Roll No. ....

Y – 3103(A)

M.Sc. (Second Semester) (SPECIAL) EXAMINATION, August 2021
(SECOND CHANCE)
COMPUTER SCIENCE
Paper–203
(Database Management System)
(Oracle Based)

Time : Three Hours

Maximum Marks : 85   *Minimum Pass Marks : 29*

Note : Attempt *all* questions.

1. Describe the difference between network and hierarchical model on the basis of their relative merits and demerits.   17

2. What do you understand from mapping constraints ? Explain usage of various symbols used in E-R Diagram with the help of suitable example.   17

3. What are DML statements in SQL ? Explain aggregate functions of SQL using suitable examples.   17

4. What do you understand from recovery and atomicity ? Explain the difference between deffered database modification and immediate database modi-fication.   17

5. Describe various types of join operation in Relational algebra using suitable illustrations.   17