

Roll No.

Y – 3103
M.Sc. (Second Semester)
EXAMINATION, May/June 2021
COMPUTER SCIENCE
Paper – 203
(Database Management System)
(Oracle Based)
Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note : Attempt *all* questions. All questions carry equal marks.

Unit-I

1. What do you understand from data independence ? Explain architecture of DBMS in detail. 17

Unit-II

2. Describe various types of join operation in Relational Algebra using suitable illustrations. 17

Unit-III

3. Discuss the types, advantages and applications of distributed database in detail. 17

Unit-IV

4. What do you understand from DBMS storage system ? Describe RAID model in detail. 17

Unit-V

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