

Roll No

MCADD-603


M.C.A. (Integrated Course), VI Semester

Examination, May 2019

Advanced DBMS

Time : Three Hours

Maximum Marks : 70

 **Note:** i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) Differentiate between objected Oriented Databases and Object Relational Databases.
b) Write the comparison between aggregation and association.
2. a) Explain about shared memory based architectures.
b) Write comparison between parallel and distributed databases.
3. a) Explain about query processing and optimization.
b) Discuss about prevention and avoidance of distributed deadlock.
4. a) Explain nested and multilevel transactions.
b) Discuss about some long duration transactions.
5. a) Write Triggers command in SQL and its uses.
b) Explain recursive query processing.

6. a) Write factors of images. How can be extract.
b) How GIS work? Write its applications.
7. a) How accessing databases through WEB?
b) Write role of R-tree and Quad-trees.
8. Write short note on
 - i) Oracle xxi
 - ii) ECA Rules
 - iii) Gem stone
