

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS
EXAMINATION :MAY-2024
SEMESTER - I

Sub: Advanced Database Management System (MSC- 101-22)

Date :29/05/2024

Total Marks : 30

Time: 10.00 am to 11.30 am

Instruction:

1. All questions are compulsory unless and otherwise stated.
2. Bold figures to the right of every question are the maximum marks for that question.
3. Candidates are advised to attempt questions in order.
4. Answers written illegibly are likely to be marked zero.
5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
6. Draw neat and labelled diagram wherever necessary.

Q.1. Answer the following in short. (Any 4) (20)

- 1 What is RDBMS? List advantages and disadvantages of RDBMS.
- 2 Explain ACID properties in DBMS.
- 3 What are aggregate functions? Explain with example.
- 4 Explain any four CODD's rules in DBMS.
- 5 Write a note on rollback and commit command with suitable example.
- 6 Explain WHERE clause in SQL with example.

Q. 2. Answer the following in detail. (Any 1) (10)

1. Define database view? Explain how to create, update and delete views along with example.
2. Define database Constraint. Explain types of constraints with suitable example.
