

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF COMPUTER APPLICATIONS (MCA)
EXAMINATION : DECEMBER/JANUARY- 2025-26
SEMESTER - II

Sub: Advanced DBMS (MCA- 202-22)

Date : 06/01/2026

Total Marks :60

Time: 10.00 am To 12.30 pm

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. Draw neat and labelled diagram wherever necessary.

Q.1. Answer the following in 2-3lines. (Any 5) (10)

1. What is Order By command
2. What is sequence in SQL?
3. How can we drop primary key in a table which is created before?
4. List numeric function of SQL.
5. What is subquery?
6. What is 'dual' table?
7. What is difference between DML and DCL statement?

Q. 2. Answer the following in short. (Any 4) (20)

1. Explain the set operations of SQL?
2. What is a cursor? Explain type of cursor
3. Explain architecture of PL/SQL.
4. Explain any five DATE functions with explanations
5. Write PL\SQL program to find factorial of a number.
6. Explain UPDATE , DELETE command with example.

Q. 3. Answer the following in detail. (Any 3) (30)

1. Explain various Data Definition Commands in details with syntax & examples
2. Explain Aggregate functions, GROUP BY, HAVING Clause with example
3. What is a view? How can it be created? Explain with an example.
4. What are JOINS? Also explain its types and provide their examples
5. Explain different type of constraints
