

M.Phil/Pre Ph.D Regular & Supplementary Examinations – OCTOBER, 2023
R210402B

Paper –II: Advanced Database Management Systems.
COMPUTERS

Time : 3 hrs

Maximum Marks : 100

Answer One Question from Each Unit
All Questions Carry Equal Marks

UNIT – I

1. (a) Explain about database system concepts and architecture.
(b) Explain about the database design and implementation.

OR

2. a) Explain the introduction to Query Languages
b) Discuss about the database implementation and tools.

UNIT – II

3. a) Discuss about the DBMS advanced features with examples.
b) Explain about the Query Compiler and processing.

OR

4. a) Explain about the database security and authorization.
b) Discuss about the transaction management and recovery.

UNIT – III

5. a) Explain about the various database models.
b) What is NoSQL? Explain in detail.

OR

6. a) What is MongoDB? Explain in detail.
b) Explain about the database and XMI.

UNIT – IV

7. Write about Distributed database and draw and explain different architecture in Distributed database.

OR

8. Explain about the emerging database models.

UNIT – V

9. Explain about the various types of multimedia.

OR

10. a) Discuss about the data compression methods in detail.
b) Explain about the multimedia data in WWW in detail.
