

ROLL No:

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Total number of pages:[2]

Total number of questions:06

MCA/ 3rd Sem

Database Administration

Subject Code: MCA301

Paper ID :

Time allowed: 3 Hrs

Max Marks: 60

Important Instructions:

- All questions are compulsory

PART A (2×10)

Q. 1. Short-Answer Questions:

- Write a note on database views.
- What do mean by data clustering?
- Write steps to create a new user account.
- What is database schema?
- Explain RAID.
- Define foreign key.
- What is database security?
- What is index in databases? Explain.
- What is SQL?
- Define self join.

PART B (8×5)

Q. 2. Explain client server architecture in detail.

CO1,2

OR

Compare and contrast features of Oracle server and MS-SQL server. Write steps

CO1,2

Q. 3. What do you mean by database replication? Propose a design of highly available solution for based upon database replication.

CO3

OR

- How a DBA implement migration and up gradation strategy.
- What is business policy? Explain its significance in detail.

CO3

- Q. 4. What do you mean by database security? How is it implemented in database server? CO4

OR

Explain different types of failures. Write various backup and recovery strategies. CO4

- Q. 5. What is performance tuning? Write procedure for performance tuning in detail. CO5

OR

Explain the process of database mirroring implementation in detail. CO5

- Q. 6. What is significance of database encryption? Explain different types of database encryption techniques. CO6

OR

Explain the procedure of trouble shooting for management of database server. CO6