

OMSR Revision

Q1 B+ tree

Insert update delete Search

} file organization

- Write the steps. (Insert & delete can draw B+ tree
- result B+ tree.)

Q2 query tree - draw it looking at Schema.

Q3 find no of disk I/O

Q4 Calculate cost (using algorithms) - 5

- by looking at information we have to use a Query algorithm. - not especially said.

- Nested loop join

- Block nested loop join } Specially

} Query processing

Q5 4 properties of transactions with examples.

- types of scheduling - explain those.

- explain Anomalies

- 2PL (S lock, X lock) - important

- identify deadlock or not.

} transaction processing

Q6 - Access control policies (explain & differentiate using example)

- Access control

Q7

- C, I, A

- Authentication & accountability

- Vulnerability.

- threads.

- Attacks.

- brute force attack

} (explain those

} DB security.

(08)

- file organization types , index } file organization

(4) question (paper)

- (02) → before mid part

- (02) → after mid

- Cover all lectures, question.