

# B.Tech. FCP DIV J (Batch 1) Lab Exam

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During a search, if the equality condition is on a key, the strategy will return

- ☒ Multiple Records
- ☐ No Record
- ☐ Two Records
- ☐ Single Record

Clear selection

Each operation in a demand-driven pipeline can be implemented as an

- ☒ Iterator
- ☐ Process
- ☐ Thread
- ☐ System

Clear selection



The pipeline type in which system makes repeated requests for tuples from the operation at the top of the pipeline is known as

- ☒ Demand-driven pipeline
- ☐ Blocking pipeline
- ☐ Producer-driven pipeline
- ☐ Double pipeline

Clear selection

Double buffer allows algorithm to function efficiently by performing

- ☐ Parallel I/O Activities
- ☐ Parallel Disk Sectors
- ☐ Parallel CPU Activities
- ☒ CPU Activity Parallel With I/O Activity

Clear selection

Algorithm used to compute natural-join and equi-join is called

- ☐ Join algorithm
- ☐ Union-join algorithm
- ☐ Split-join algorithm
- ☒ Merge-join algorithm

Clear selection



**A sequence of primitive operations that can be used to evaluate a query is a**

- ☒ Query Evaluation Plan
- ☐ Query Execution Plan
- ☐ None of the above
- ☐ Both A and B

Clear selection

**In the linear search, an initial seek is required to access the file's**

- ☐ First Secondary Index
- ☒ First Block
- ☐ First Non-Key
- ☐ First Primary Index

Clear selection

**A3 search performs retrieval of multiple records by using a primary index specifying the**

- ☐ Inequality comparison on a non-key attribute
- ☐ Equality comparison on a key attribute
- ☐ Inequality comparison on a key attribute
- ☒ Equality comparison on a non-key attribute

Clear selection



A selection operation involving conjunction or a disjunction can be implemented using the algorithm

- ☒ All of the above
- ☐ A10
- ☐ A8
- ☐ A9

Clear selection

The lowest-level operator in query processing to access data, is

- ☐ Indices
- ☒ File Scan
- ☐ Locators
- ☐ Pointers

Clear selection

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