- [Transaction]: Explain? List properties
  - [Atomic]: Explain
  - [Consistent]: Explain*
  - [Isolated]: Explain
  - [Durable]: Explain

- [Concurrency control]: Explain? List problems
  - [Uncommitted data]: Explain*? Preventing*
  - [Lost update]: Explain? Preventing**
  - [Inconsistent read]: Explain? Preventing**

- [Concurrency management]: Explain? List methods
  - [Serial schedule]: Explain**? Disadvantages**
  - [Non-serial schedule]: Explain? Advantages? Disadvantages*
  - [Serializable schedule]: Explain

- [Serialisability]: List techniques (3)

- [Pessimistic locking]: Explain*
- [Locks]: List types
  - [Binary locks]: Explain
  - [Shared/Exclusive locks]: Explain? Advantages
- [Two-Phase locking]: Explain? Issue**
- [Deadlock]: Explain*? List techniques to manage deadlocks
  - [Timeouts]: Explain
  - [Deadlock prevention]: Explain*
  - [Deadlock detection and recovery]: Explain

- [Lock granularity]: Explain** [NA]? List levels
  - [Database level]: Explain? Advantages
  - [Table level]: Explain? Disadvantages
  - [Page level]: Explain
  - [Row level]: Explain? Disadvantages? Advantages
  - [Field level]: Explain? Disadvantages? Advantages

- [Optimistic locking]: Explain*

- [Timestamping]: Explain [NA]*

- [Database recovery management]: Explain***? List techniques

- [Recovery via reprocessing]: Explain**
- [Shadow paging]: Explain***
- [Log based recovery]: Explain*** [NA]? Components?
  - [Recovery via Rollback/Rollforward]: Explain [NA]***
    - [Rollforward]: Explain [NA]***
    - [Rollback]: Explain [NA]***
    - [Checkpoint]: Explain [NA]? Advantages

Tuesday 11/11 → 17/11 …: 27 Flash Cards * 2 min each = 26 Min MAX