Distributed Past Paper

Concurrent and Distributed Systems

RFC

- y2016p5q9
    - [A]Syn, Idempotence
    - (b) Distributed-filesystem clients

Clock

Physical clock

- y2014p5q7

Logical clock and event ordering

- y2020p5q8 (a-c)
    - happens-before relationship
    - Lamport ts, total ordering

- y2015p5q9 (b)
    - Casual vs Total ordering

Broadcast

- y2010p5q6
    - Causal order

- y2020p5q8 (d,e)
    - FIFO, FIFO-total order

- y2015p5q9 (a)
    - (c) A replicated database

Raft

- y2021p5q8

Replication

- y2012p5q9
    - weak consistency and strong consistency