

SEMESTER TEST ONE INFORMATION PACK 01/09/2023

ST1 Sitting Order

Sitting will be ordered based on the first letter of your surname as follows:

Brown Lab - A to K

SIT Lab - L to S

Grey Lab - T to Z

The test starts at exactly 17:30 please make sure you are seated and logged on by 17:25. In the event of loadshedding appropriate time arrangements will be made for the backup power changeover.

Structure of the Tests

24 Questions.(4 Essay type, 20 MCQ)

Duration 1hr 30mins.

Available marks 50.

Closed book.

Working out paper will be provided for you.

Scope

In preparation for ST1 you are expected to have knowledge of the material from Chapter 1 to Chapter 5 specifically, the following concepts:

1. Mutual exclusion.
2. Amdahl's law
3. Memory contention.
4. Peterson lock, Filter lock, Bakery lock
5. Object correctness.
6. Concurrent histories.
7. Readers and writers
8. Sequential, Quiscent Consistency
9. Consensus protocols.