
ISIT312

Big Data Management

SIM S4 2023

Final Exam

Exam D&T:

TBC

3 hours

face-to-face

closed-book

**The venue and seat will be announced by
SIM**

Question:

50 marks in total

6 short answer questions

no multiple choice questions

no Java programming questions

Final Exam

Contents:

1. Hadoop architecture (HDFS, YARN, MapReduce layers)
2. MapReduce Model (read->map->shuffle->sort->reduce)
3. Basic Hadoop commands
4. Hive concept, structure
5. Basic HQL commands
6. Data warehouse concept and design
7. Multidimensional data model
8. Relational data model
9. Hbase model (basic commands)
10. Apache pig and pig Latin (basic commands)
11. Spark concept, data model, and operations (basic commands)

Questions ?