

APS-Exam “Data Warehousing”

Name: _____

Legi#: _____

1. What is a „Data Warehouse“? What is „Business Intelligence“? 6 P
2. Describe the important properties of Snowflake and Star schemas. 6 P
- 3a. Define data quality? 4 P
- 3b. What is data profiling? 4 P
4. Describe the various kinds of analytic (business intelligence) applications! 5 P
- 5a. What does local grouping in SQL mean? Also describe the relevant clauses/elements and their purpose. 4 P
- 5b. Give examples where local grouping can be beneficially used. 3 P
- 6a. Describe the reference architecture used in the course and its elements. 6 P
- 6b. Which kinds of metadata are in the various parts of the data warehouse reference architecture typical and important? 5 P
- 7a. What are bitmap indexes? 4 P
- 7b. In which cases can they be used beneficially to improve performance, and when not? 3 P