

# SRD2021- Lecture 3

1. Regarding the DBMS component "security manager"

- ☐ A Sets-up a database connection
- ☒ B It verifies the user granted permissions to execute queries
- ☐ C Manages the buffer memory to optimize queries
- ☐ D None of the above

2. Between DDL and DML

- ☐ A DML compiler helps to creates tables
- ☐ B DDL compiler helps to insert data
- ☐ C MySQL only manages DML, not DDL
- ☒ D None of the above

3. In crow's foot notation:

- ☐ A An entity type is represented by a rectangle
- ☐ B The name of entity type should be singular
- ☐ C The name of the entity type goes in the upper part of the rectangle
- ☒ D All of the above

4. About SQL (more than one option can be selected)

- ☐ A It is an object oriented programming language
- ☒ B It describes the the set of data to be retrieved/modified without specifying how to compute it
- ☒ C Can be embedded in java code
- ☐ D SQL means: Structured Quality Language
- ☐ E All of the above

**5.** You want to list all the databases existing in the current MySQL server, which command would you use?

- ☐ (A) SELECT DATABASE NAMES FROM MYSQL
- ☐ (B) CREATE DATABASE
- ☒ (C) SHOW DATABASES
- ☐ (D) USE DATABASE NAMES

**6.** About primary key:

- ☐ (A) Must be composed by one column only
- ☒ (B) Can be composed by multiple columns
- ☐ (C) Supports not unique values if defined as varchar type
- ☒ (D) It is a bad practice to leave tables without a primary key