STUDY GUIDE

1. *Is data organized to have meaning - Information*
2. Would not be considered a piece of metadata in the following image -

The agent for walker is 125

1. *would be considered a unique piece of data at CI - DolphinID*
2. *DBA - Database Administrator*
3. *Traditional file-based systems are designed to handle user concurrency (at the same time) - False*
4. *How many unique records are there? - 10*
5. *An inner join between Customer and Agent will yield* records - 5
6. The cartesian product between Customer and Agent will yield records - 24
7. There is a(n) relationship between Customer and Agent - logical
8. In general, structural dependence is better than structural independence - False
9. In general, data dependence is better than data independence - False
10. The fact that AGENT\_CODE is stored in both Customer and Agent is an example of data redundancy - False
11. When working within a DBMS, the user is working directly with raw database files - False (working with memory in RAM)
12. A good dataype for AGENT*CODE is - INT(3)*
13. *A single database may contain* databases files - many
14. A \_ is a simplified represntations of complex real-world data structures - model
15. ERD - Entity Relationship Diagram
16. The ERD requires all but the following - Cardinality (requires Entities, Relationships, Connectivity)
17. The relational model ideal is: 1:M
18. Business rules define database - constraints
19. The conceptual database model is exemplified by the - ERD
20. The internal database model is exemplified by the - DDL
21. Which is a true characteristic of a relation? - A relation must have a primary key
22. Which is not a true characteristic of a relation? - A column represents a signle instance of that relation