

17/SC101/001

ABOLURIN SADEEQ

CSC 306 TEST

(i) Characteristics of a good database

(a) Should be able to store all kinds of data that exists in this real world

(ii) Should be able to relate the entities / tables in the data base by means of relation

(iii) Data and application should be isolated

(iv) There should not be any duplication of data in the database

(v) DBMS has a strong query language once the database is designed, this helps the user to retrieve and manipulate the data

2 An optional relationship between two entities indicates that it is not necessary for every entity occurrence to participate in the "relationship". In other word, for both entities the minimum number of instances in which each participates, in each instance of the relationship is zero

(iii)

3 It specifies that each entity in the entity set may or may not participate in the relationship set

4

DDL

(i) It is used to create database schema and can be used to define some constraints as well

(ii) It basically defines the column (Attributes) of the table

DML

It is used to add, retrieve or update the data

It add or update the row of the table

(iii) It doesn't have any further classification

It is further classified into procedural and non-procedural DML

(iv) Basic Command present in DDL are CREATE, DROP etc

Basic Command present in DML are UPDATE, INSERT etc