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CSE370

Section.-05

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For task-1,

(a) False.
(b) ~~False~~ True
(c) False
(d) True.
(e) ~~False~~ False

For task-2;

Difference between database ~~system~~ schema and state are:

database schema can be considered as a blueprint of a database, and gives a list of

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of fields in the database with their data types. where as a database state provides the present state of the database and it's data. when a database is newly defined. ba the corresponding state is empty. also the factors that affect a batabase state are entering, deleting or modifying.

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Task 3:

Three advantages of the Database approach of manging data over a file-based approach are:

(a) Databas approach provides persistent storage for program data.

(b) ~~Restricting~~ It restricts unauthorized access to data.

(c) It provides backup and recovery services.

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TASK 4:

The three-schema schema architecture at three levels are:

(a) Internal level.
(b) Conceptual level.
(c) External level.

Internal level: An internal schema describes the physical storage structure of the database and the complex low-level structures in detail

Conceptual level: A conceptual schema describes the structure of the whole database. It hides the

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internal details of the physical storage & structure. It also concentrates on describing entities, data types, relationship and constraints.

External level: External schema describes the ~~bat~~ database part that a particular users group is interested in and hides the remaining database from that user group.

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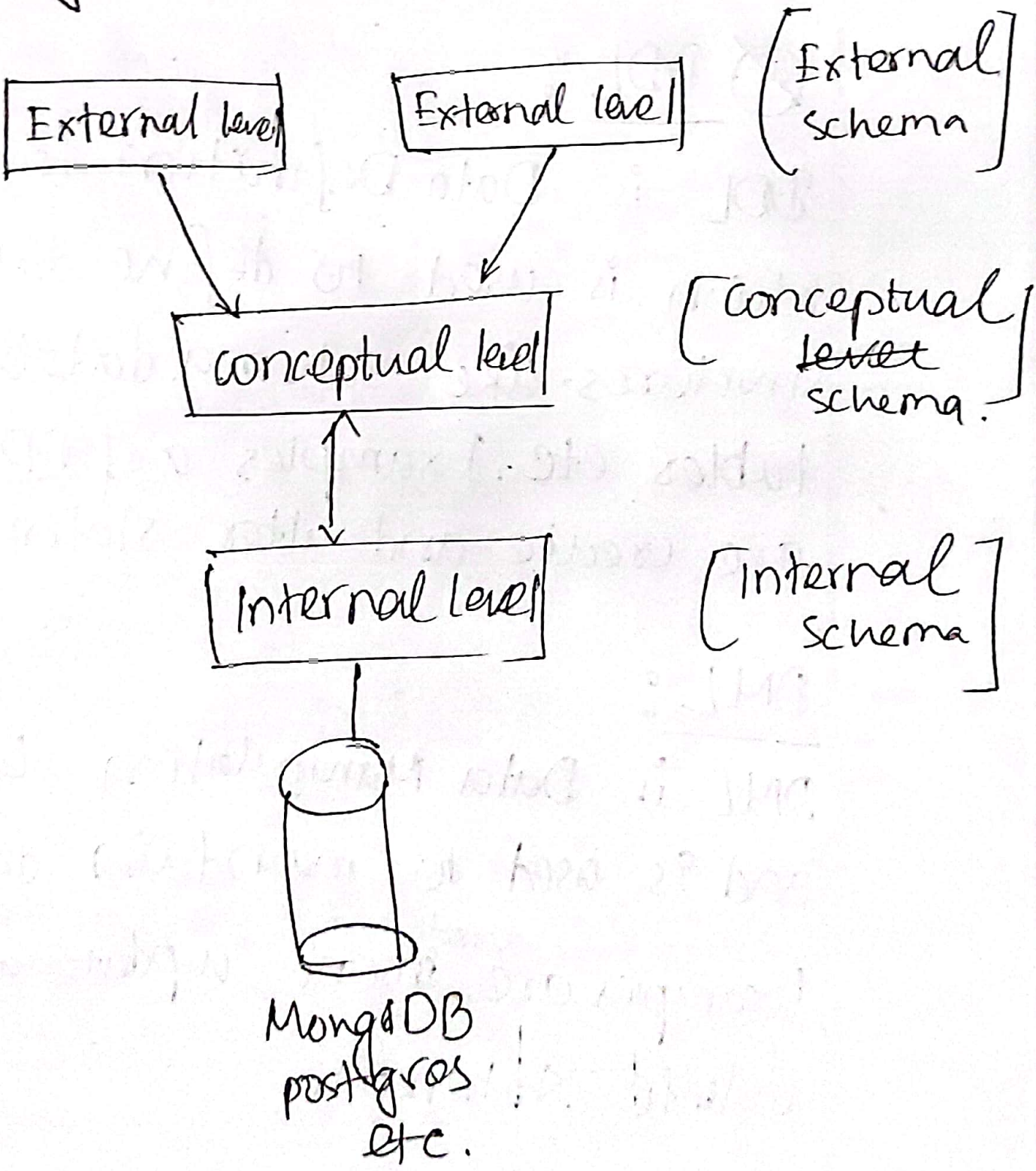
Diagram's



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Task 05:

DDL:

DDL is Data Definition language which is used to define data structures. like schema, database, tables etc. Examples of DDL are create and alter statement

DML:

DML is Data Manipulation language and is used to maintain data. Examples are select, insert, update and delete statement.

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The following task will execute,

(a) DDL

(b) DPL

(c) DML

(d) DPL

(e) DML

(f) DML

(g) DML

(h) ~~DML~~ DDL