

MCA first sem.internal

DBMS - 610005

q1:(A) define following terms:

- a.discriminator attribute
- b.degree of relationship
- c.user view
- d.atomicity of uupdates

b.what does defining'manipulating,
andsharing of a database mean?

q2:

a. distinguish between a weak entity set and a strong entity set.
explain a how entity set can be converted into a strong entity
giving suitable examples.

b.list minimum four significant differences between DBMS and
file processing system.

or

b.distinguish between entity set and relationship set explain
with example.

q3:

a. what is the difference between procedure and
non-procedure DMLS.

b.explain the difference between attributes and value set show
examples.

OR

- a. explain the three - tier architecture and where it is used.
- b. list domains associated with three different data types of your choice show example.

q4:

- a. discuss the characteristics of relations that make them different from ordinary table and file.
- b. discuss the main characteristics of database approach and how it differs from traditional file system.

OR

- a. prove relation must have a key and weak entities do not have their own key attribute.
- b. what other computer system software does a dbms interface with a diagram explain the components modules of dbms and their interaction.

q5:

- a. discuss the main categories of data models.
- b. define following terms.

1. complex attribute

2. instance

3. relationship types

4. three level architecture used in commercial application { true/false }

OR

- a. what is data abstraction? explain different level with suitable examples.

b.create the relation structure for university database.

- *tejas patel*
