

# DBMSQUESTIONBANK

## MODULE-1

1. Explain the Characteristics of Database Management Systems Approach.
2. What are the Limitations of traditional File Systems and How they are overcome in DBMS Approach? List and recall the characteristics of database approach. Outline any five advantages of DBMS.
3. Make use of Three Schema Architecture to emphasize how Data Independence is achieved in DBMS.
4. Brief out the categories of Database Languages.
5. List and outline the various types of interfaces offered by DBMS.
6. Identify the various types of attributes and entities utilized to build relational database.
7. Recall the following terminologies with examples.  
a) Superkey   b) Candidate key   c) Primary key   d) Foreign key   e) Entity
8. Explain the binary, ternary and recursive relationship types in Data modeling.
9. What are the structural constraints on a relation type? Explain with examples. OR  
Identify the various cardinality ratio & participation constraints applied in constructing ER Diagram
10. Explain the concept of weak entity with an example and its representation in ER diagram.
11. Construct an ER Diagram for Order Database considering the orders, customers and salesman as entities having suitable attributes.
12. Build an ER Diagram for Library Database considering the Book, Book\_Authors, Publisher, Book\_Copies, Book\_Lending as entities having appropriate attributes.
13. Draw an ER Diagram for similar scenarios... [Library | | Employee | | College | | etc.,]