

PAPER – IV

RDBMS

All the questions from Exam question paper in relation to “ER Diagram”.

2010

3.(a) Suppose we have a functional dependency of the form $X \rightarrow Y$ on a relation R. Specify the conditions on X and Y such that X is a candidate key for R. How would you capture an arbitrary functional dependency $X \rightarrow Y$ in ER design.

4.(b) Identify entities, attributes and relationships giving functionalities and draw E-R diagram for the system.

2011

4.(b) What is E-R modeling? What are candidate key, primary key, alternate key and foreign key? Give examples.

7.(a) Draw the ER diagram for hospital management system.

2012

4.(b) Explain E-R data modeling by giving suitable example.

2013

7. Construct an ER diagram for a hospital management system with a set of doctors and a set of patients. With each patient, a series of various tests and examinations are conducted. On the basis of preliminary report patients are admitted to a particular specialty ward.

2014

4.(a) What is an E-R model? What are its advantages?

2015

3. What is E-R diagram? Draw an E-R diagram for college library by taking your own assumptions.