

- 4 Answer following :
- (a) Construct an E-R diagram for a car insurance company whose customers own one or more cars each. Each car has associated with it zero to any number of recorded accidents. 6
- Or
- Construct an E-R diagram for a hospital with a set of patients and set of Medical doctors. Associate with each patient a log of the various tests and examination conduct
- (b) Explain following.
1. How to set relationship between tables in access? 4
 2. What is cascade update and cascade delete ? 2
- Or
1. What is check constraint? How to define it? 4
 2. How to primary key define on table? 2
- 5 Consider following relations in database and solve the queries. 12

Book_mast (book_no, book_name, author, publisher, no_of_copy)
 Stud_mast(lib_no, stud_name, book_no, no_of_copy)
 Transaction (trans_no,trans_type, lib_no, book_no, no_of_copy, trans_date)

- (1) Display all student name who have more than two books.
- (2) Display all books whose publisher is "BPB".
- (3) Display all students who have "DBMS" book.
- (4) Delete records from stud_mast for all students who have "ORACLE" book.
- (5) Change transaction type to "R" (Return) for all transaction whose transaction type is "I" (Issue) and book_name = "Let US C"
- (6) Display all student name who get book publisher "BPB"