er-8.0 Integrity Constraints in Database with Examples * I stegrity constraints are rules defined in a database to maintain data accuracy; consistency, and reliability they ensure that data stoled in the database follows bredefined rules of conditions I legrity constraints Donain Of stily 3 Reflectial Bley
Constraints Tolegrity Integrity Constraints
Constraints Constraints

Every attendrate must have a poor domain Statelype tigi- I I am storing age name & mobile no the inge should be an integer >0 is The name should be of choracter hype

Tii) The mobile no should be on a 40-digit

wheek (length (mobile) = 10) Every recold should have a thingue primary key that is not mill If there is one tall linking to another there must be a folign key. By Every Record should have a unique premary Lec 8: What is candidate key and frimary key What is key > Attribute Use of pey > Uniquely Identify recolds Some of attributes that can be used as key ale 1) Adhay (ald @ Roll no 3) begisteation no (4) Liceno no (5) Votes JO (6) Phone no (7) Brail JO This set of values are collectively known as

In candidate key, the most appealante she is the primary key, the rist all are atternature keys. Lee-9) What is primary key in DBMS? Primary > Unique + Not Now of Phone no, Adhaaf Cold PAN, keg no, Rolling of cannot use Phone no atto Adhaaf Cold & PAN Cord as primary key as I toldto Illings can have the same phone no. 2) Some students may not have Adhad Coard of Lee-10: Dhat is Foreign Key in PBMS Foreign key It is an attribute of set of attributes
that references to brinary key of some table
of another table (selation) Pase 1 A pellais Course name Rollno

Tarle 2 B Mundai C Networks 2 Reflecting

Reference 3 A Cho creste talle Conege

Course page varchar (10)

Roll no int references Student (Rolling) To add constraint ofter realing the latter, Alter latte course ADD constlaint (1) folign Box Key (Rollno) References Student (Rollno), Lec 13: Super Rey in BBMS, Super key: A sufer key is a combination of all promite attributes which can identify aniquely two tuples in a table * Super set of any candidate key is shiped peg R(A, A, A, A, --- A) then how many sufre keys are forsible If 7A, is candidate per >2

A. Ar ale candidate keys It