paret A

of Integrating & securety

of Functional dependency

pant B

& Indexing and Hashing

of Transaction

of Recoverey system concurrency contrat

& Distreibuted Database

Integrity Finetionality increased

Earler gystem e constant apply motor system

याँवा दिम्हन । हिकादिना नगाल system कर्व कि जा depend area integrety constants constraints so

Integraty or eystem a requirement constraints

ensure margar Integraty

Integraty violation: Ar eystem & requirement ensure at margar integrated

System 00 MEN COLORD DA TO MEN 200 Treigger OF 1

chaptere-4 (128 page) Integrate - Domain constraint > Referential Integration constraint orleanny Isako Tu -> Assertim -> Triggere Domain constraint column or 3nd Gusta constraint क्षाकोडि-स्टिंड इमे। Create Domain Constraint (example) age number (5,2) not null Domain constraint (5,2) -> SOL requires that Deaimal (5,2) be able to storce any value with 5 digits and 2 decimals. values can be storced in the column range -from -999.999 to 999.99 In SOL Decimal (M,0)

ways of Domain constraint

- i) check+condition
- check + constraint + aon dition

check age (value >18)

a adding.

Name	Age	Gien
Pon	18	Male
. Day	17	Male
Sam		Female
Georgia	17	
V	19	unknown
FIGIR	1, 4	
	the state of the same of the s	Pon 18 Sam 17 Gleorgia 17

check domain gondere varcahare (50)

check (value in Male! !Female!

gen column casa seleat maso bigged; check gender (value in caled * from gen)

Peferrential Integrally construent

Earreal of table so column Ah way table 9 Reference शिलादव यात्रकाठ कावा यस लाइदल OF table 97 340 charcacleresties 24 tables comply 200 2623 constraint a comply 2000 2691 sarga, sign table - mother table.

or table = ahild table

Advantage .

i) Morce than 1. table Er 1 company facts and

Example

Student (59d, Sname, gpa, semester)
Courtse (cid, Cname, Cnedit)

Register (sid, cid, reg date)

DOL Statement

Create Table Student (sid vanahan 2(10)

gpa number (4,2)

semester number (4,0)

constraint student_pk. primary key (sid).

check (gpa <= 4.00));

Create Course table (cid varichar 2(10)

Chame Variahar 2(50) not
null

credit number (4,2))

Creeate table register (5id varichare 2(10)
eid varichare 2(10)

eonstraint reg-date-forciegn key

constraint reg-date-forciegn key

forciegn (sid) reference

as student (sid),

forciegn key (eid) reference

as course (eid));