

Group 01

Q-3.25

2022/CSC/065

2022/CSC/014

2022/SP/126

2022/CSC/005

2022/CSC/087

2022/CSC/041

2022/CSC/066

2022/CSC/067

2022/CSC/044

2022/CSC/063

2022/CSC/094

2022/CSC/016

2022/CSC/021

2022/CSC/055

2022/CSC/015

2022/CSC/027

2022/SP/154

2022/CSC/022

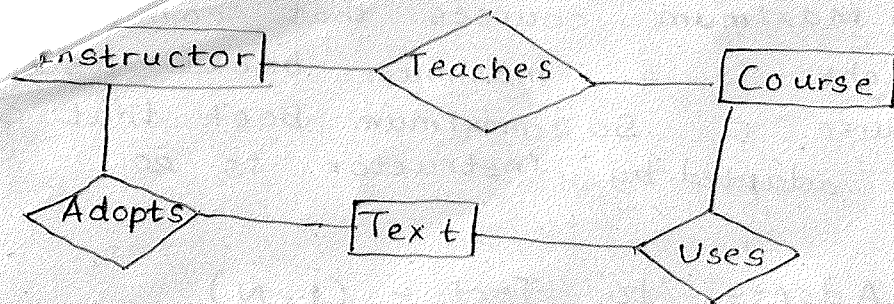
2022/SP/157

2022/SP/030

2022/SP/100

2022/SP/061

2022/SP/143



- 1) Instructor to Teaches — (2, 4)
  - Instructor teach from 2 or 4 courses.
- 2) Teaches to Course — (1, N)
  - Each course must be taught by at least one instructor.
  - Assume number of instructors per course can be many.
- 3) Course to Uses — (0, 5)
  - A course may or may not use a textbook.
  - A course may not use more than 5 books.
- 4) Uses to Text — (1, N)
  - A text by definition is a book that is used in some course.
- 5) Instructor to Adopts — (0, 20)
  - An instructor might not adopt any textbook for courses that don't use textbook.

- Maximum courses that can be taught is 4. maximum books used by course 5. So maximum book that can be adapted by instructor is 20.

#### 6) Adopts to Text - $(1, N)$

- A textbook might be adopted by multiple instructors.
- A textbook might not be adopted by any instructor if it is not being used in a course.