**Part-II Relational Database Schema Development**

**Conceptual Schema:**

1. Staff (staff\_id: integer, s\_name: char(20),s\_capacity: integer);
2. Teaching\_staff (t\_id: integer, t\_sal: integer, t\_ssn: integer, t\_age: integer check (t\_age>18), t\_name: char(20);
3. Nonteaching\_staff (nt\_id: integer, nt\_sal: integer, nt\_ssn: integer, nt\_name: char(20), nt\_gender: char(20));
4. Section (section\_id: integer, section\_name: char(20), capacity: integer, subject\_name: char(20));
5. Studentcanbein (s\_id: integer, section\_id: integer);
6. Student (s\_id: integer, s\_name: char(20), s\_age: integer, s\_phone: integer);
7. Administration (adm\_id: integer, adm\_name: char(20), adm\_gender: char(20), adm\_ssn: integer);
8. Nonteaching\_staffpays (nt\_id: integer, adm\_id: integer);
9. Academic\_department (dept\_id: integer, dept\_name: char(20), no\_programs: integer);
10. Academic\_departmentHOD (dept\_id: integer, t\_id: integer, since: integer);
11. Degree (degree\_id: integer, grade: integer, gpa: integer, degree\_name: char(20));
12. Degreegives (degree\_id: integer, adm\_id: integer);
13. Library (lib\_id: integer, lib\_capacity: integer, no\_ofbooks: integer);
14. Issue (issue\_id: integer, book\_name: char(20));
15. Renewal (renewal\_id: integer, book\_name: char(20));
16. Return (return\_id: integer, book\_name: char(20));
17. Hospital (hosp\_id: integer, capacity: integer);
18. Glearn (reg\_no: integer, attendance: integer, syllabus: char(20), lesson\_plan: char(20), material: char(20));
19. Branch (branch\_id: integer, branch\_name: char(20));
20. Program (prog\_id: integer, prog\_name: char(20), no\_ofcourses: integer);
21. Cse (cse\_id: integer, cse\_sec: char(20));
22. Ece (ece\_id: integer, ece\_sec: char(20));
23. It (it\_id: integer, it\_sec: char(20));
24. Civil (civil\_id: integer, cse\_sec: char(20));
25. Eee (eee\_id: integer, eee\_sec: char(20));
26. Cr (cr\_id: integer, cr\_name: char(20));
27. Hascr (cr\_id: integer, section\_id: integer);
28. Canhelp (t\_id: integer, s\_id: integer);
29. Teaches (t\_id: integer, section\_id: integer);
30. Worksin (t\_id: integer, dept\_id: integer, since: integer);
31. Teaching\_staffpays (t\_id: integer, adm\_id: integer);
32. Studentcanobtain (degree\_id: integer, s\_id: integer);
33. Enrolls (adm\_id: integer, s\_id: integer);
34. Canaccess (lib\_id: integer, s\_id: integer);
35. Canaccess1 (reg\_no: integer, s\_id: integer);
36. Canaccess2 (hosp\_id: integer, s\_id: integer);
37. Studentenrollsin (s\_id: integer, branch\_id: integer);
38. Branchinstructs (dept\_id: integer, branch\_id: integer);
39. Offers (prog\_id: integer, branch\_id: integer);