(a) Get the names of courses in the CS department.

T ←σ(Department=“CS”)(Course)

Result ←π(Course\_name)(T);

(b) Get the names of students who got an 'A' in CS3380.

Result ← π Name (STUDENT ⨝ σ Grade = 'A' (GRADE\_REPORT) ⨝ σ Course\_number = 'CS3380' (SECTION))

(c) Get the instructors who have taught CS1310 and CS3380.

T ← σ Course\_number = 'CS1310' ∨ Course\_number = 'CS3380' (SECTION)

Result ← π (Instructor) (T)

(d) Get the instructors who have taught all courses of the CS department.

T ← π Instructor,Course\_number (SECTION) ÷ π Course\_number (σ Department = 'CS' (COURSE))