1. Identify two cases hierarchy in the given problem statement.

* HOD > Lecturer > Students
* College duration > Semesters > Courses

1. Identify the common behavior among the day scholar, host-elite, graduate, and post graduate students.

* The common behavior among them is that they all must select two electives.

1. Identify the different layers possible in this system in terms of the users of the systems.

* The system is used by admin staff to register students, HOD to allocate lecturers to classes, lecturers to update course related progress about each student in the class, students to view their marks and attendance details.

1. The admin staff wants to generate a report containing the score of students in a batch in the following manner: Student Id, Student Name, Marks scored, Lecturer Name, Course registered – What details should the admin staff accumulate to arrive at this detailed report?

* The admin staff can go through graduate students and post-graduate students turn by turn. Then s/he can choose a student in an order of student ID. Then they can look up what courses the student is taking. Then they have to find the lecturer and the marks scored by the student for that course. They can repeat the same process for each courses the student has been taking with all graduate students and repeat the same process with post-graduate students as well.