1

(1)True

Because constructor won't be inherited.

(2)False

The has-a relationship represents composition,

and the is-a relationship represents inheritance

(3)False

A student class has the has-a relationship with the faculty and course classes.

(4)True

(5)True

2 .Undergraduate student and graduate student are both the scope of students. it represents an is-a relationship. student is the base class. and freshman sophomore senior and junior are all kinds of undergraduate student. moreover, master student and doctoral student are also belonged to graduate student. And four kinds of undergraduate student are same levels, not the composition relationship, so are graduate student.

Student

Undergraduate Student

Graduate Student

Doctoral Student

Master Student

senior

junior

sophomore

freshman