## 1.

In principle, a derived class inherits every member of a base class except:

- its constructors and its destructor

- its assignment operator members (operator=)

- its friends

- its private members

## (1)   True

## (2)False

An is-a relationship is implemented via inheritance.

Being Implemented via composition is the has-a relationship.

## (3)True

A has-a relationship is built by composition. Since it's not

reasonable for a student to 'compose' a course or a faculty, a

student should get the relationship(which is is-a) by

inheritance.

(4)True

　　No matter what the inheritance specifier is, members with access specifier "private" in the base class can be seen by its members and its friends only. Therefore a derived class is unable to access the private members in the base class.

(5)True

2.