1. Yes. If a function expects a StudentId object but we accidentally passed an unsigned int into it, the function will work but it will most likely not the way we wanted. To avoid that we want to mark the constructor as explicit.

2. I will mark "Complex(double real, double imaginary = 0.0);" as explicit. First of all, it is the only one that is possible to cause problems. For the same reason as explained in part 1, implicit type conversion probably lead to function to fail quietly and can be difficult to debug.