## 1 Answers for Post Lab Questions

## 1.1 (a)

Computer's LCD frame rate includes 60Hz, 120Hz and 144Hz normally.

## 1.2 (b)

Since the molecules are like sticks and they're distorted when voltage is applied. If we can provides voltage enough so that they are distorted for 180 degree, they can polarize the light for 180 degree, which has the same effect as a half-wave plate.