

## Pharmacy 750

### Quiz 11/04/03

**GIVEN: WJ is a 72 yo male,  $S_{cr}=1.1\text{mg}\%$ , 5 feet 2 inches tall, 212 lbs, who has CHF and is going to be started on digoxin . NOTE: Show equations used and include units with all answers! Each questions is worth 6.25 points.**

1. What is the ideal body weight for WJ, in pounds and in kilograms?
2. What is the predicted creatinine clearance for WJ in ml/min?
3. What oral loading dose of digoxin would you recommend to produce a  $C_p$  of 0.50 ug/L in WJ?
4. If WJ is dosed for several months with 0.25 mg of digoxin once daily until steady state is achieved, how much digoxin will be eliminated from the body of this patient each day?