Pharmacy 750

Quiz 11/04/03

GIVEN: WJ is a 72 yo male, Scr=1.1mg%, 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 question 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 Cp 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?