

MATH 3630 - Actuarial Mathematics I
Fall 2017 - Valdez
Quiz No. 6
Wednesday, 8 November 2017

Name: _____ Student ID: _____

For a whole life annuity-immediate issued to (50) , you are given:

- For age before 65, mortality pattern follows the constant force with $\mu = 0.01$.
- $\delta = 0.05$
- $A_{65} = 0.45$

Calculate a_{50} .