

MATH 3630 - Actuarial Mathematics I
Fall 2016 - Valdez
Quiz No. 7
Wednesday, 16 November 2016

Name: _____ **Student ID:** _____

For a 20-year temporary life annuity-due issued to (70) , you are given:

- $q_{70+t} = 0.02$, for $t \geq 0$
- $i = 0.05$

Let Y be the present value random variable for this temporary life annuity-due.

Calculate $E[Y]$.