Finance 5360 Quiz A: 7/28/15

Name Key

- a. How does the value of Amorgy change if markets are perfect? Note: Answer is a number.
- b. How does the value of Amorgy change if the only market imperfection is corporate taxes and the corporate tax rate equals 35%? Note: Answer is a number.
- c. How does the value of Amorgy change if the only market imperfections are corporate and personal taxes? Assume the corporate tax rate equals 35%, the personal tax rate on equity income equals 15%, and the personal tax rate on interest income equals 25%. Note: Answer is a number.
- d. How would your answer to "c" change if we also assume indirect financial distress costs exist? Note: Answer is NOT a number. do is in dicate the direction of the change.
- e. How would your answer to "d" change if we also assume the presence of stockholder-manager conflict? Note: Answer is NOT a number.

Interest expense on new debt=10 million; Total interest=210 million

$$\begin{array}{c} c \cdot (T^{*} = \left[- \left(\frac{(1 - \frac{15}{25})(35)}{(1 - \frac{15}{5})} \right) = -.0342 \Rightarrow 100 (-.0342) = -3.42 \text{ m} \cdot 11.00 \right] \end{array}$$

- d. | ower (more negative) +5
- e. high er (less negative) +5