Quiz # 2
Chapter 1 and 2
Econometrics 06216

Name_____

- Choose the most correct answer
- You have 5 minutes to solve out this quiz

1. If the expected value of the estimator is not equal to the real value of a parameter, we can say that:
   a. Not necessarily, the estimator is biased.
   b. Necessarily, the estimator is biased.
   c. It is sufficient condition to say that the estimator is biased.
   d. B and C.

2. Regressor refers to:
   a. A variable that accounts for variation in an independent variable.
   b. A dependent variable.
   c. A non explanatory variable.
   d. None of the above.

3. If the disturbances are non heteroskedastic, it can be said that:
   a. The errors have the same mean
   b. The errors have the same variance
   c. The errors have different variance
   d. The errors have different mean.

4. In a simple log-log regression model the slope coefficient measures
   a. the elasticity of Y with respect to X
   b. the value of Y for any given value of X
   c. the change in Y predicted by the model for a unit change in X
   d. the ratio Y/X

5. If θ and χ are both unbiased estimators and Var(θ)<Var(χ), we can affirm:
   a. θ gets closer to the true parameter value as the size of the sample increases
   b. Var(θ) gets smaller as the size of the sample increases
   c. θ has the lowest variance than any other unbiased estimator
   d. None of the above