Quiz # 3
Chapter 3, 4 and 5
Suggested Answers
Econometrics 06216

Name_____

- Choose the **MOST CORRECT** answer
- You have 5 minutes to solve out this quiz

1. Is part of the data generating process:

    a. $E[x] = 0$

    b. $\mathrm{var}(\varepsilon_i) = c$

    c. $\mathrm{cov}(\varepsilon_i, \varepsilon_i) = 0$

    d.   All of the above

    e.   None of the above

2. Reason to call standard error to the standard deviation is:
    a.   Error and deviation is the same thing.
    b.   If the estimator is unbiased, all the variation comes from estimation errors.
    c.   If the estimator is biased, all the variation comes from estimation errors.
    d.   a y b
    e.   None of the above.

3. The best linear unbiased estimator of a parameter is:
    a.   The one that is BLUE
    b.   The one that is unbiased and have the smallest variance.
    c.   The one that is unbiased and have a smaller variance than other.
    d.   The one that is unbiased.
    e.   None of the above.

4. According to the book, a confidence interval is:
    a.   A confident estimator.
    b.   An interval estimator.
    c.   A point estimator.
    d.   A prediction interval estimator.
    e.   All of the above.

5. Is a semilog specification:
    a.   The one with a log variable that expresses elasticity.
    b.   The one with a log variable as dependent variable.
    c.   The one with log variables as dependent and independent variables.
    d.   All of the above can be called semilog specifications.
    e.   None of the above.