

BSc in Export Agriculture
Third Year Second Semester Examination – December/January 2017/18

Econometrics (EAG 330-2)
Section II – Essay Questions

Instructions:

Answer **all** questions in the given booklet.

No. of questions : Two (02)

No. of pages : Two (02)

Time : One (01) hour

Total marks allocated : 60%

01.

- (I) What is meant by Data? (04 marks)
- (II) Distinguish between the followings;
- a) Panel Data and Pooled Data
 - b) Primary Data and Secondary Data
 - c) Cross Sectional Data and Time Series Data
- (III) Briefly explain the following types of data
- a) Continuous
 - b) Discrete
 - c) Nominal
 - d) Ordinal
 - e) Ratio
 - f) Interval
- (IV) List three graphical and/or tabular techniques to present for each of the following data types
- a) nominal data
 - b) interval data
- (V) provide two practical examples for each of the following data types
- a) Primary
 - b) Secondary
 - c) Panel data
 - d) Time series data

e) Pooled data

02.

(I) Distinguish between;

- a) Correlation and Regression
- b) Regressand and Regressor
- c) OLS estimator and Maximum Likelihood Estimator
- d) R^2 and Adjusted R^2

(II)

(III) What are the assumptions in OLS regression?

(IV) Write short notes on the followings; (Hint: You should briefly explain how to correct each issue)

- a) Autocorrelation
- b) Multicollinearity
- c) Heteroscedasticity

(V) Suppose someone has presented the following regression results for your consideration

1.

[End of Section II]