

UNITY UNIVERSITY
COLLEGE OF DISTANCE EDUCATION
DEPARTMENT OF ECONOMICS

Worksheet for Computer Application for Economics (Econ 301)

Name_____

Id. No_____

Department _____

P.O.Box_____

Region (Zone)_____

Centre _____

Last date of submission _____

This is a worksheet that you are supposed to do on your own. It carries 25 points. The worksheet should be completed and mailed to the College of Distance Education department of economics for evaluation. Do not try to complete the worksheet until you have covered all the readings in the course module.

Any question in the course that you have not been able to understand, should be stated on a separate sheet of paper and attached to this worksheet. Your tutor will clarify them for you either by his/her comments on your worksheet or on the tutorial programs.

After completing this worksheet, be certain to write your Name, Id.No and Address on the first page. Write only your Name and Id.No on the other pages. Also do not forget to leave enough margins on the left side of your answer sheet for comments by your tutor.

Be sure that this worksheet has 4 pages including the cover page.

Dear learner, this worksheet is divided into four parts. Part I contains five “True” or “False” items, Part II includes 5 matching items Part III contains five short answer questions. Part IV has 3 workout questions. Please note that you have to have at your hand *course material* and read it seriously and carefully before you go to work on this worksheet’s questions. It is also wise to read the books recommended in the module as references.

PART I (1 Point Each)

Write “True” if the statement is true and write “False” if the statement is false, in the space provided.

- ____ 1. Pooled data have elements of both time series and cross sectional data.
- ____ 2. To start EViews program one can click on the start button in the taskbar..
- ____ 3. Any datum is knowledge.
- ____ 4. Cross–sectional data are data that give information on one or more variables at a given point of time.
- ____ 5 Dispersion is the variation or scatter of a set of values.

PART. II (1 point each)

Match items in column A with items in column B

COLUMN A

____ 1. Average

____ 2. Qualitative data

____ 3. Quantitative data

____ 4. Time series data

____ 5. Data

COLUMN B

A. source of information

B. Arithmetic mean

C. Measurable in terms of numerical values

D. numerical values of variables from period to period

E. not computable

PART. III (2 points each)

Answer the following Questions

1. Explain the various factor that limit the quality of data.

2. Using your own example, develop a panel data

3. Differentiate between time series, cross section as well as panel data

4. State the main areas in the EViews Window.

5. What is the difference between covariance and correlation?

PART. IV (5 points)

Consider the following regression result obtained using EViews

Dependent Variable: Y				
Method: Least Squares				
Date: 12/25/06 Time: 15:53				
Sample: 1990:1 1995:4				
Included observations: 24				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-133.7252	8.304021	-16.10367	0.0000
X1	0.958838	0.108965	8.799527	0.0000
X2	490.6481	81.96783	5.985862	0.0000
X3	2.010433	0.488545	4.115148	0.0005
R-squared	0.990404	Mean dependent var		101.3912
Adjusted R-squared	0.988964	S.D. dependent var		9.283278
S.E. of regression	0.975228	Akaike info criterion		2.938720
Sum squared resid	19.02139	Schwarz criterion		3.135063
Log likelihood	-31.26464	F-statistic		688.0330
Durbin-Watson stat	1.695080	Prob(F-statistic)		0.000000

Based on the result, answer the following questions

1. What is the estimated regression result?
2. Are the parameters significant individually at 1% level?
3. Are the parameters significant jointly at 10% level?

