



# UNIVERSITY OF THE PUNJAB

Eighth Semester - 2017

Examination: B.S. 4 Years Programme

Roll No. ....

PAPER: Applied Economics  
Course Code: ECON-406

TIME ALLOWED: 2 hrs. & 30 mins.  
MAX. MARKS: 50

*Attempt this Paper on Separate Answer Sheet provided.*

<u>Subjective Part</u>		
Note: Attempt all questions.		
Q2.	Explain the following briefly. i) Data Retrieval ii) VAR Models iii) Estimation of Present Value iv) Advanced formatting features in MS Word v) Macros in MS Word	4 x 5 =20
Q3.	Discuss the procedure to estimate demand, supply and their equilibrium in Eviews	10
Q4.	Discuss the procedure to estimate the Cobb-Douglas production function with constant returns to scale in SPSS.	10
Q5.	How computer programming can be used in the project appraisal. Discuss in details.	10



# UNIVERSITY OF THE PUNJAB

Roll No. ....

**Eighth Semester - 2017**  
**Examination: B.S. 4 Years Programme**

**PAPER: Applied Economics**  
**Course Code: ECON-406**

**TIME ALLOWED: 30 mins.**  
**MAX. MARKS: 10**

*Attempt this Paper on this Question Sheet only.*

Q.1	<b>Objective Part:</b> Encircle the correct answer.	Max Marks= 10
	<ol style="list-style-type: none"><li>1. In SPSS, what is the "Data Viewer"?<ol style="list-style-type: none"><li>a) A table summarizing the frequencies of data for one variable.</li><li>b) A spreadsheet into which data can be entered.</li><li>c) A dialog box that allows you to choose a statistical test.</li><li>d) A screen in which variables can be defined and labeled.</li></ol></li><li>2. What does the operation "Recode Into Different Variables" do to the data?<ol style="list-style-type: none"><li>a) Replaces missing data with some random scores.</li><li>b) Reverses the position of the independent and dependent variable on a graph.</li><li>c) Redistributes a range of values into a new set of categories and creates a new variable.</li><li>d) Represents the data in the form of a pie chart.</li></ol></li><li>3. How would you use the drop-down menus in SPSS to generate a frequency table?<ol style="list-style-type: none"><li>a) Open the Output Viewer and click: Save As; Pie Chart</li><li>b) Click on: Analyze; Descriptive Statistics; Frequencies</li><li>c) Click on: Graphs; Frequencies; Pearson</li><li>d) Open the Variable Viewer and recode the value labels</li></ol></li><li>4. In which sub-dialog box can the Chi Square test be found in SPSS?<ol style="list-style-type: none"><li>a) Frequencies: Percentages</li><li>b) Crosstabs: Statistics</li><li>c) Bivariate: Pearson</li><li>d) Gender: Female</li></ol></li><li>5. How would you print a bar chart that you have just produced in SPSS?<ol style="list-style-type: none"><li>a) In Output Viewer, click File, Print, select the bar chart and click OK</li><li>b) In Variable Viewer, open bar chart, click File, Print, OK</li><li>c) In Chart Editor, click Descriptive Statistics, Print, OK</li><li>d) In Data Editor, open Graphs dialog box, click Save, OK</li></ol></li></ol>	

(P.T.O.)

	<p>6. You cannot close MS Word application by</p> <ul style="list-style-type: none"><li>a) Choosing File menu then Exit submenu</li><li>b) Press Alt+F4</li><li>c) Click X button on title bar</li><li>d) From File menu choose Close submenu</li></ul> <p>7. Portrait and Landscape are</p> <ul style="list-style-type: none"><li>a) Page Orientation</li><li>b) Paper Size</li><li>c) Page Layout</li><li>d) All of above</li></ul> <p>8. Which of the following is not a font style?</p> <ul style="list-style-type: none"><li>a) Bold</li><li>b) Italics</li><li>c) Regular</li><li>d) Superscript</li></ul> <p>9. PowerPoint presentations are widely used as</p> <ul style="list-style-type: none"><li>a) note outlines for teachers</li><li>b) project presentations by students</li><li>c) communication of planning</li><li>d) All of above</li></ul> <p>10. A new presentation can be created from</p> <ul style="list-style-type: none"><li>a) Blank Presentation</li><li>b) From Existing Presentation</li><li>c) From Design Template</li><li>d) All of above</li></ul>	
--	--	--



# UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / Eighth Semester – 2019

Paper: Applied Economics

Course Code: ECON-406 Part – I (Compulsory)

Time: 15 Min. Marks: 10

Roll No. in Fig. ....

Roll No. in Words. ....

Signature of Supdt.:

**ATTEMPT THIS PAPER ON THIS QUESTION SHEET ONLY.**

Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

**Q.1. Encircle the correct option.**

**(10x1=10)**

- i. Which of the following is short command to take print in MS word:  
a) Ctrl + P                      b) Shift + P                      c) Alt + P
- ii. You cannot close MS Word application by:  
a) Choosing file menu and then Exit submenu  
b) Alt + F4  
c) Click X button on the title bar  
d) None of the given
- iii. Portrait and Landscape are:  
a) page orientation                      b) paper size                      c) Both a and b
- iv. The short key to insert footnote in MS word is:  
a) Alt+ Ctrl +F                      b) Alt+ Ctrl +N                      c) Alt + shift+ F
- v. Parametric tests are:  
a) Correlation                      b) Regression                      c) Both a and b
- vi. The short key to copy anything in MS word is:  
a) Ctrl +X                      b) Ctrl +F  
c) Ctrl +C                      d) None of the given
- vii. Which of the following short cut key is used to open a new file of MS word:  
a) Ctrl+N                      b) Shift+N12  
c) Ctrl + F                      d) Shift + F
- viii. Which one of the following is operating system?  
a) Windows                      b) MS Office  
c) Window media player                      d) None of the given options
- ix. The short key to insert endnote in MS word is:  
a) Alt+ Ctrl +D                      b) Alt+ Ctrl +E                      c) Alt + shift+ T
- x. When two or more independent variables are correlated it is known as:  
a) Autocorrelation                      b) Standard error  
c) Multicollinearity                      d) Hetrosekdasity



**UNIVERSITY OF THE PUNJAB**  
B.S. 4 Years Program / Eighth Semester – 2019

Roll No. ....

Paper: Applied Economics  
Course Code: ECON-406 Part – II

Time: 2 Hrs. 45 Min. Marks: 50

**ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED**

**Q.2. Write short answers of the following questions. (4 X 5 =20)**

- (i) Explain Vector Auto Regressive model
- (ii) What is the coefficient of determination?
- (iii) Explain the process of hypothesis testing
- (iv) Explain how the problem of multicollinearity can be deducted?
- (v) List down the steps to estimate simple linear regression model in SPSS

**Write answers of the following questions. (3 X 10 =30)**

- Q.3.** What is Cobb-Douglas production function and how it is estimated in Eviews?
- Q.4.** Explain simultaneous equation model and how it is estimated in Eviews.
- Q.5.** What is the significance of software like SPSS and E-views in Applied Economics?



# UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / Eighth Semester – Spring 2022

Roll No. ....

Paper: Applied Economics

Course Code: ECON-403 A

Time: 3 Hrs. Marks: 60

## THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

**Q.1. Write short answers to the following questions. (6x5=30)**

1. Differentiate between VAR and ARIMA models.
2. How one can improve model estimates?
3. Discuss any three applied areas of your interest. Also provide statement of problem pertaining to each chosen area.
4. What is literature review? What benefits literature review gives us in applied research?
5. Differentiate between single equation model and simultaneous equation model.
6. What do you mean by regression function? Why we need this?

**Q.2. Write detailed answers to the following questions. (3x10=30)**

1. Why we need confidence interval and hypothesis testing in empirical research? Discuss the procedure to estimate demand, supply and their equilibrium in E-views?
2. Discuss various features of E-views and SPSS. Which software is more appropriate in which situation?
3. Discuss project appraisal using E-views or SPSS in detail.



# UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / Eighth Semester – Spring 2022

Paper: Applied Economics

Course Code: ECON-406

Roll No. ....

Time: 3 Hrs. Marks: 60

## THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

**Q.1. Write short answers to the following questions. (6x5=30)**

- i) What is Adjusted R (squared)?
- ii) Why do we add an error term to our econometric models?
- iii) What is the significance of Johansen's cointegration test?
- iv) What is spurious regression?
- v) Explain Vector Error Correction Model
- vi) How can we remove multicollinearity from a regression model?

**Q.2. Write detailed answers to the following questions. (3x10=30)**

- I. Write down the steps involved in the estimation of econometric model with more than one independent variable in E-Views.
- II. How E views can be used to clean, organize, and condense a given data set?
- III. How equilibrium price and equilibrium quantity can be estimated through computer application?