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Best and Other Static Welfare Effects of Custom Unions and History of Attempts at economic Integration.

The Balance of Payments of Pakistan

Some Theoretical Aspects, History of Balance of Payments of Pakistan Economy, BOPs Equilibrium, Pakistan's Balance of Payments, Pakistan's Balance of Payment Problem, Current Position, Main Causes of Imbalance in Balance of Payments of the Economy and Solutions to the BOP Problems.

Recommended Books:

- Paul R. Krugman and Maurice Obstfeld, International Economics: Theory and Policy, Addison Wesley, Latest edition.
- Donomick Sal Vatore B., International Economics: Prentice Hal, Latest edition.

Code: COMP-111

Title: Introduction to Computer Softwares

Credit Hours: 03

Objectives:

This course is intended to achieve the following objectives:

- a. To enable the students independently use Microsoft word, Microsoft Excel, Power Point.
- b. To enable the students, use SPSS, E-views, Microfit and other related soft wares for estimation of econometric models.

Course Contents

Introduction to Windows 2000 and MS-Word

Operating System, Performance Management, Desktop Management, Printer Management, Internet Explorer, E-mail. MS-Word, using Advanced Formatting Features, sharing data with Word, Word Macros, Composing Models and Mathematical Equations.

Power Point and MS-Access (XP)

Database Concepts, File Linkages, Data Retrieval, Data Editing / Updating. Data Transferring.

SPSS and E-Views

Menu, Tool Bars, File Linkages, Dialog Boxes. Data Analysis, Analysis of Variance. Simple and Multiple Regression Analysis, Formatting Reports, Creation and Modification of Chart, Line Area and Pie Chart. Output Navigator Printing, Data Editor Printing, Command Syntax Printing. Use of EViews for Model Estimation.

Estimation of Production Function

Use of Computer, SPSS, E-Views to Estimate Production Functions. Cob-Douglas Production Function, Constant Elasticity Production Function etc.

Computer Applications: Demand, Supply and Equilibrium

Estimation of Demand and Supply using E-Views/SPSS. Aggregate Demand, Aggregate

Supply and Equilibrium.

Model Building and Estimation

Building Simple Econometric Models and Estimation. Single Equation Models, Multiple / Simultaneous Equation Model. Interpretation of Computer Output.

Project Appraisal and Computer Application

Use of Computer Programming (Softwares), E-Views etc. for Cost-Benefit Analysis, Estimation of Present Values, Estimation of Economic and Social Benefits. Project Appraisal Using E-Views etc. Estimation of Cost Functions and Decision Making.

Econometric Analysis and Computer Applications

Regression Functions. Estimation with Qualitative Variables Confidence Interval and Hypothesis Testing. Estimation and Improving Model Estimates: Autocorrelation, Estimation of Simultaneous Equations. Estimation of VAR and ARIMA Models.

Recommended Books:

- E-Views Manual (Learning help available with package (Software)).
- Gimi, Carter and Annette, Marquis, with Karl Browning, Mastering Microsoft
- Office XP Premium, Selection B.P.B., Publishers, New Delhi, 2001.
- D. F. Robertson, Computer Applications and Programming, USA: Har Brace Jovanovich Inc., Latest edition.
- SPSS-Manual

Code: STAT-101

Title: Elementary Statistics

Credit Hours: 03

Objectives:

The purpose of this course is to familiarize students with basic concepts of statistics and data analysis for their uses in economics.

Course Contents

Introduction

Descriptive and inferential statistics; Variable and constant, population and sample, parameter and statistic; The four basic activities in statistics: Designing a plan for data collection, Exploring the data, Estimating an unknown quantity, Hypothesis testing; Type of measurement scales: Nominal, Ordinal, Interval and Ratio; Types of data: Univariate, Bivariate and Multivariate data, Primary and secondary data, Quantitative data and qualitative data, Time series, Cross-sectional and pooled data; Significant digits and rounding off numbers; Errors: Biased and unbiased.

Presentation of Data

Introduction; Classification; Tabulating numerical data: The frequency distribution, The