18. Vinaya Kumar, N. – A Profile of Indian Capital Market, K.P.S. Publication, New Delhi.

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Third Year T.D.C. Arts

Paper –I

QUANTITATIVE TECHNIQUES IN ECONOMICS

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Course Outcomes:

CO1: The basic aim of this course is to acquaint the students with sampling techniques and tools of collection.

CO2: This course covers elementary statistical techniques which are frequently used for data analysis in social researches.

CO3: This course also provides basic knowledge of mathematical techniques -Differential and Integration, which are frequently used in economic analysis.

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UNIT –I

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Statistics–Definition, Sampling and Types of Sampling, Primary data

Secondary Data, Methods of Collecting Primary Data, Secondary Data, Classification and Tabulation of Data, Presentation of Data–Diagrams and Graphs.

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UNIT –II

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Measures of Central Tendency : Mean, Median, Mode.

Measures of Dispersion –Range, Mean Deviation, Standard Deviation, Coefficient of Variation, Quartile Deviation, Skewness.

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UNIT –III

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Correlation-Meaning, Causation & Correlation, Karl Pearson's Coefficient of Correlation, Spearman's Rank Correlation.

Simple Linear Regression-Introduction, Lines of Regression, Estimation of Regression.

Time Series –Introduction, Components of Time Series, Measurement of Trends –Methods of Moving Averages and Least Squares.

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UNIT –IV

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Probability: Concept, Rules (addition and multiplication).

Index Numbers –Meaning, Significance and Types of Index Numbers, Methods of Constructing Index Numbers- Simple Price Relative Methods and Aggregative Methods.

UNIT –V

Calculus: Simple Differentiation of a function, Maxima and Minima. Partial and Total Differential.

Integration of a function: Concept and Methods.

Basic Reading List

1. Chiang, A.C. (1986), Fundamental Methods of Mathematical Economics (3rd Edition), McGraw Hill, New Delhi
2. Croxton, Crowden and Klein (1971) –Applied General Statistics, Prentice Hall of India, New Delhi.
3. Gupta, S.C. (1993) –Fundamentals of Applied Statistics, S. Chand and Sons, New Delhi.
4. Madnani, G.M.K.- Arthshastra Me Ganit Ke Prayog .(Hindi Version)

5. Nathuramka L.N. (2016), Arthshastra Me Ganit Ke Prayog, College Book House, Jaipur.(Hindi Version)

6. Nagar, A.L. and Das, R.K. (1993) –Basic Statistics, Oxford University Press, New Delhi.
7. Speigal, M.R. (1992) –Theory and Problems of Statistics, McGraw Hill Book Co., London.
8. Levin and Rubin –Statistics for Management, Prentice Hall of India, New Delhi.
9. Srivastava, S.C. and Sangy Srivastava –Fundamentals of Statistics, Anmol Publications Pvt. Ltd., New Delhi.
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Third Year T.D.C. Arts
Paper – II
INTERNATIONAL ECONOMICS

Course Outcomes:

CO1: This course aims to develop understanding about basic concepts and theories related to international trade.

CO2: This course will help students to analyse the problems related to the foreign trade and balance of payments and learn about the techniques to overcome them.

CO3: It will greatly help the students to examine the impact of the trade policies on gains from trade and terms of trade of a country.

CO4: The students will have an idea about trends, composition and direction of international trade and trade policy of India.

UNIT – I

Importance of International Economics, Inter-regional and international trade, Theories of International Trade: Theory of Absolute Advantage, Comparative Advantage, Opportunity Cost and Hecksher-Ohlin theory of trade.

UNIT – II

Concepts of terms of trade and factors affecting Terms of Trade; Gains from Trade – Meaning, Types, measurement- Approaches of Ricardo, Mill and Modern Approach.

Balance of Payments- Meaning and Components. Disequilibrium in Balance of Payment, devaluation and other measures to correct it.

UNIT – III

Foreign Trade Policy – Free trade v/s Protection, Meaning and Types of Tariffs and Quotas. Concept of Optimum tariff. Dumping and its Impacts. Concept of Foreign Trade Multiplier.

UNIT – IV

Foreign Exchange Rate – Meaning and Types- Fixed, Flexible, Hybrid and Forward Exchange Rate.

Functions of IMF, World bank and WTO. Globalisation Debate: Regionalism, Multilateralism or Nationalism

UNIT – V

Foreign Trade of India- Trend, Composition and Direction. EXIM Policy of India –Pre and Post Globalisation. FDI- Trends and Impact. WTO and Its Impact on Indian Economy. Globalisation Debate: Regionalism, Multilateralism or Nationalism

Basic Reading List

1. Barla C.S. and Agrawal (2012). International Economics. Laxmi Narayan Agarwal, Agra. (Hindi Version)
2. Cherunilam, F. (2008). International Economics, The Tata McGraw-Hill Companies,New Delhi. 5th Ed.
3. Jhingan M.L. (2015). International Economics, Vrinda Publications, New Delhi (English & Hindi Version)
4. Kindlberger, C. P. (1991). International Economics, R D Irwin, Homewood.8th Ed.
5. Krugman, P.R. and M. Obstfeld (2013). International Economics- Theory and Policy, Dorling Kindersely Pvt. Ltd. Licensee of Pearson Education, new Delhi India.
6. Salvatore, D. (2014). International Economics: Trade and Finance., Jhon Wiley &Sons, Singapore.
7. Mithani, D. M. – International Economics, Himalaya Publication House, Bombay
8. Rana, K.C. and K.N. Verma (2010). International Economics, Vishal Publishing House, Ludhiyana. (English & Hindi Version)
9. Sodersten, B.C. (1991). International Economics, Macmillan Press, London.
10. Swami, K. D. (2008) – International Economics, Scientific Publications, Jodhpur. (Hindi Version)
11. Vaish, M.C. and S. Singh (2000). International Economics, Oxford and I.B.H. Publishing Company Pt. Ltd., New Delhi. (Hindi Version)