

TEACHING PLAN FOR B.A. (HONS) ECONOMICS SEMESTER- II

(CBCS) COURSE

(SKILL ENHANCEMENT COURSE II: DATA ANALYSIS)

UNIT	TOPICS	NO. OF LECTURES
1.	Sources of data. Population census versus sample surveys. Random sampling.	Approx 8
2.	Univariate frequency distributions. Measures of central tendency: mean, median and mode; arithmetic, geometric and harmonic mean. Measures of dispersion, skewness and kurtosis.	Approx 9
3.	Bivariate frequency distribution. Correlation and regression. Rank correlation.	Approx 7
4.	Introduction to probability theory. Notions of random experiment, sample space, event, probability of an event. Conditional probability. Independence of events. Random variables and probability distributions. Binomial and normal distributions.	Approx 20
5.	Estimation of population parameters from sample data. Unbiased estimators for population mean and variance.	Approx 11
6.	Basics of index numbers: price and quantity index numbers.	Approx 5

Readings:

- 1. P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition, Pitman.**
- 2. M.R. Spiegel (2003), Theory and Problems of Probability and Statistics (Schaum Series).**

Overall 3 tests will be held during the entire semester.

TEACHER: Bharat Bhushan

TEACHING PLAN FOR B.A. (PROG.) ECONOMICS SEMESTER- II

(CBCS) COURSE

(Principles of Microeconomics - II)

UNIT	TOPIC	NO. OF LECTURES
1. Theory of a Monopoly Firm	Concept of imperfect competition; short run and long run price and output decisions of a monopoly firm; concept of a supply curve under monopoly; comparison of perfect competition and monopoly, social cost of monopoly, price discrimination; remedies for monopoly: Antitrust laws, natural monopoly	Approx 10
1. b. Imperfect Competition	Monopolistic competition: Assumptions, SR & LR price and output determinations under monopolistic competition, economic efficiency and resource allocation; oligopoly: assumptions, oligopoly models, game theory, contestable markets, role of government (Chapter 14).	Approx 10
2. Consumer and Producer Theory: Markets and Market Failure	Illustrations of Externalities, internalising externalities, public goods; imperfect information: adverse selection, moral hazard, social choice, government inefficiency. Theory of marginal cost pricing, market adjustment to changes in demand, efficiency of perfect competition; sources of market failure: imperfect markets, public goods, externalities, imperfect information; evaluating the market mechanism (Chapter 15)	Approx 24
3. Income Distribution and Factor pricing	Input markets: demand for inputs; labour markets, land markets, profit maximisation condition in input markets, input demand curves, distribution of Income (Chapter 10).	Approx 10
4. International Trade	Absolute advantage, comparative advantage, terms of trade, sources of comparative advantage, trade barriers, free trade/ protectionism (Chapter 33).	Approx 6

Reading

Case, Karl E. & Ray C. Fair, Principles of Economics, Pearson Education, Inc., 8th Edition.

Overall 4 tests will be held, one from each unit during the entire semester.

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