DAV UNIVERSITY, JALANDHAR
PhD Entrance Test Syllabus

DEPARTMENT OF ECONOMICS

Section A (50 questions)

Research Methodology


Introduction to Sampling- Importance and Sampling Design Process, Random Sampling Methods and Non-Random Sampling, Central Limit Theorem and Sampling distribution. Classification of Secondary Data Sources, Road Map to Use Secondary Data, Survey and Observation: Classification of Survey Methods, Observation Techniques and Classification of Observation Methods

Hypothesis Testing for Single Population: Introduction, Hypothesis Testing Procedure, Two-Tailed Test of Hypothesis and One - Tailed Test of Hypothesis, Type- I and Type-II Error


Statistical Inference About the Difference between the means of Two Related Population, One way ANOVA Introduction and Application in Business Research

Hypothesis testing for Categorical data (Chi-square test), Non-parametric statistics, Correlation- Karl Pearson and Spearman's Rank Correlation, Introduction of Simple Linear Regression and Determining the Equation of a Regression Line

Report Writing, Organization of Written Report, Tabular and Graphical Representation of Data, Oral Presentation

Section B (50 questions)

Economics

Micro – Economic Analysis


Macro – Economic Analysis


Macro – economic Equilibrium – Relative roles of monetary and fiscal policies Fleming – Mundell open economy model.
Development and Planning
Approaches to development: Balanced growth, critical minimum effort, big push, unlimited supply of labour, unbalanced growth, low income equilibrium trap. Indicators and measurement of poverty.
Indian Economy
Quantitative Methods