

Economics

B.A. Part-II

Paper – III Elementary Quantitative Methods

Note- Non-scientific calculator is allowed in this paper.

Unit –I

Quantitative Techniques: Definition, Classification and Techniques, Nature, Function, Importance and Limitations.

Collection of statistical data: Census & Sample investigation, Classification & Tabulation, Diagrammatic & Graphic representation of data

Unit –II

Measures of Central Tendency: Meaning, Characteristics and applications, Arithmetic Mean, Median, Mode, Geometric Mean and Harmonic mean.

Measures of Dispersion: Range, Mean Deviation, Standard Deviation, Quartile Deviation, Co-variance, Coefficient of Variance, Skewness and Kurtosis

Unit –III

Relationship between two variables: Correlation coefficient- Karl Pearson, Spearman, Concurrent Method, Probable Error, Definition of Index numbers and computation of simple indices, Time Series-concept and components.

Statistical system in India: Central Statistical Organization (C.S.O.), National Sample Survey Organization (N.S.S.O.), Population statistics, Agriculture statistics, Industrial statistics, Financial Statistics, Statistical System in U.P.

Unit –IV

Mathematical Concepts in Economics: Elements of Algebra: Concept, Importance, Number System, Algebraic signs and Equations; Set Theory: Meaning, Types; Progressions: Concept, Types, Matrices and Determinants: Concept, Types, Inverse of a Matrix, Cramer Rule; Concept of Differential and Integral Calculus up to 2nd derivatives, Application of Mathematics in Economics: Illustration on Elasticity, Cost and Revenue Function, Maxima and Minima in single variable function

Books Recommended

1. R.G.D Allen

2. D.T. Edward

3. C. Satyadevi

4. D.R. Aggarwal

5. S.P. Singh

Mathematics for Economists

Introduction to Mathematical Economics

Quantitative Techniques, S. Chand Publications, New

Delhi

Quantitative Methods, Vrinda Publications, New Delhi

Statistics: Theory and Practice, S. Chand Publications,

New Delhi



6. K.L. Gupta
7. B.N. Asthana
Delhi

Elementary Statistics
Elements of Statistics, S. Chand Publications, New

Economics

B.A. Part-II

Paper – IV Public Finance

Unit –I

Public Finance- Nature, Scope and significance of Public Finance, Private and Public Finance, Principle of maximum social advantages

Public Revenue – Meaning and Sources of Public Revenue, Canons of Taxation, Classification of taxes, Taxation: The benefit approach, the ability to pay approach, Effect of taxation

Unit –II

Public Expenditure – Objectives and principles of Public Expenditure, Wagner's law, Wiseman-Peacock hypothesis, the critical limit of hypothesis, Effects of public expenditure on production and distribution.

Public Debt – Objectives, Classification, effects, burden, repayment and management

Unit –III

Fiscal Policy –Meaning, Objectives, Tools and limitations of Fiscal Policy, Fiscal Policy in India.

Indian Public Finance- Sources of income: Central and State Governments, Indian Tax System, GST in India, Government Expenditure in India, Public Debt in India

Unit –IV

Concept of Deficit–Types, Objectives, Effect and Implications of deficit financing, Deficit financing in India.

Government Budget – Concept, Objectives, Components and Preparation of Budget, Latest Union Budget of India & State Budget of UP

Books and Reports Recommended

1. R.A. Musgrave The Theory of Public Finance
2. Musgrave & Musgrave Public Finance in Theory and Practice, Mcgraw Hills
Publication
3. H.L. Bhatia Public Finance (Both Hindi and English)
4. J.C. Pant Lokvitt (लोकवित्त)
5. S.K. Singh Principles of Public Finance
6. J.P. Mishra Lokvitt (लोकवित्त)
7. Union Budget, Government of India at www.indianbudget.nic.in

8. Economic Survey, Government of India available at indianbudget.nic.in
9. 'State Finance: A Study of Budgets RBI, <https://rbi.org.in> and www.nipfp.org.in
10. Public Finance Statistics, Government of India at dea.gov.in

ECONOMICS

B.A. Part- III

Paper-V Indian Economy

Unit - I

Nature and Structure of Indian Economy: Growth and Composition, Sectoral Development of Indian Economy and their Inter-relationship, Utilization of Resources: natural and Human, Population and Migration, Poverty and Income Inequalities in India, Unemployment: Magnitude and policy measures

Unit-II

Agriculture: Structure and Growth of Agriculture in India, Problems related to Structure and Growth of Indian Agriculture since 1991, Issues in Agriculture: Productivity, Technology, Credit, Marketing, Pricing and Farmers' Income; Ever Green Revolution

Unit - III

Industry and Service Sector: Growth and pattern of Industrial Sector in India; Large, Small, Medium (MSME) and Cottage Industries: Characteristics, Problems, Challenges and Policy Responses; Sources of Industrial Finance, Concept of Organised, Unorganised and Informal Sector in India

Service Sector: Nature, Structure, Growth, Problems and Policy Responses

Unit - IV

Economy of Uttar Pradesh and Local Area: Nature, Structure and Growth of economy of UP; Demographic Scenario of UP; Infrastructure: Energy, Transport, Education and Health; Agriculture in UP: Growth, Nature, Problems and Policies; Industrial Development in UP; Service Sector: growth, problems, Prospects; Inter-regional Disparities and policy Responses; State Finance commission, Urban Local Bodies

Books & Reports Recommended

1. Alak Ghosh Indian Economy
2. Mishra & puri Indian Economy, Himalaya Publications, New Delhi
3. Dutt & Mahajan Indian Economy, S. Chand Publications, New Delhi
4. Mishra & Chandra The Economy of Uttar Pradesh (2018)
5. Economic Survey (Annual) Government of India
6. Government of UP website

Note: Latest Edition of Text Books and Reports should be used.

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