7. District Administration since Independence :

Changing role of the Collector; Union-State-local relations; Imperatives of development management and law and order administration; District administration and democratic decentralization.

8. Civil Services :

Constitutional position; Structure, recruitment, training and capacity building; Good governance initiatives; Code of conduct and discipline; Staff associations; Political rights; Grievance redressal mechanism; Civil service neutrality; Civil service activism.

9. Financial Management :

Budget as a political instrument; Parliamentary control of public expenditure; Role of finance ministry in monetary and fiscal area; Accounting techniques; Audit; Role of Controller General of Accounts and Comptroller and Auditor General of India.

10. Administrative Reforms since Independence :

Major concerns; Important Committees and Commissions; Reforms in financial management and human resource development; Problems of implementation.

11. Rural Development :

Institutions and agencies since Independence; Rural development programmes: foci and strategies; Decentralization and Panchayati Raj; 73rd Constitutional amendment.

12. Urban Local Government :

Municipal governance: main features, structures, finance and problem areas; 74th Constitutional Amendment; Global-local debate; New localism; Development dynamics, politics and administration with special reference to city management.

13. Law and Order Administration:

British legacy; National Police Commission; Investigative agencies; Role of Central and State Agencies including para military forces in maintenance of law and order and countering insurgency and terrorism; Criminalisation of politics and administration; Police-public relations; Reforms in Police.

14. Significant issues in Indian Administration:

Values in public service; Regulatory Commissions; National Human Rights Commission; Problems of administration in coalition regimes; Citizen administration interface; Corruption and administration; Disaster management.

SOCIOLOGY

PAPER- I

FUNDAMENTALS OF SOCIOLOGY

1. Sociology - The Discipline:

- (a) Modernity and social changes in Europe and emergence of Sociology.
- (b) Scope of the subject and comparison with other social sciences.
- (c) Sociology and common sense.

2. Sociology as Science:

(a) Science, scientific method and critique.

- (b) Major theoretical strands of research methodology.
- (c) Positivism and its critique.
- (d) Fact value and objectivity.
- (e) Non-positivist methodologies.

3. Research Methods and Analysis:

- (a) Qualitative and quantitative methods.
- (b) Techniques of data collection.
- (c) Variables, sampling, hypothesis, reliability and validity.

4. Sociological Thinkers:

- (a) Karl Marx Historical materialism, mode of production, alienation, class struggle.
- (b) Emile Durkhteim Division of labour, social fact, suicide, religion and society.

(c) Max Weber - Social action, ideal types, authority, bureaucracy, protestant ethic and the spirit of capitalism.

- (d) Talcolt Parsons Social system, pattern variables.
- (e) Robert K. Merton Latent and manifest functions, conformity and deviance, reference groups.
- (f) Mead Self and identity.

5. Stratification and Mobility :

- (a) Concepts equality, inequality, hierarchy, exclusion, poverty and deprivation.
- (b) Theories of social stratification Structural func tionalist theory, Marxist theory, Weberian theory.
- (c) Dimensions Social stratification of class, status groups, gender, ethnicity and race.
- (d) Social mobility open and closed systems, types of mobility, sources and causes of mobility.

6. Works and Economic Life :

(a) Social organization of work in different types of society - slave society, feudal society, industrial capitalist society.

- (b) Formal and informal organization of work.
- (c) Labour and society.

7. Politics and Society:

- (a) Sociological theories of power.
- (b) Power elite, bureaucracy, pressure groups and political parties.
- (c) Nation, state, citizenship, democracy, civil society, ideology.
- (d) Protest, agitation, social movements, collective action, revolution.

8. Religion and Society :

- (a) Sociological theories of religion.
- (b) Types of religious practices: animism, monism, pluralism, sects, cults.

(c) Religion in modern society: religion and science, secularization, religious revivalism, fundamen talism.

9. Systems of Kinship:

- (a) Family, household, marriage.
- (b) Types and forms of family.
- (c) Lineage and descent.
- (d) Patriarchy and sexual division of labour.
- (e) Contem porary trends.

10. Social Change in Modern Society :

- (a) Sociological theories of social change.
- (b) Development and dependency.
- (c) Agents of social change.
- (d) Education and social change.
- (e) Science, technology and social change.

PAPER-II

INDIAN SOCIETY: STRUCTURE AND CHANGE

A. Introducing Indian Society :

(i) Perspectives on the Study of Indian Society :

- (a) Indology (G.S. Ghure).
- (b) Structural functionalism (M. N. Srinivas).
- (c) Marxist sociology (A. R. Desai).

(ii) Impact of colonial rule on Indian society :

- (a) Social background of Indian nationalism.
- (b) Modernization of Indian tradition.
- (c) Protests and movements during the colonial period.
- (d) Social reforms.

B. Social Structure:

(i) Rural and Agrarian Social Structure:

- (a) The idea of Indian village and village studies.
- (b) Agrarian social structure—

evolution of land tenure system, land reforms.

(ii) Caste System:

(a) Perspectives on the study of caste systems: G. S. Ghurye, M. N. Srinivas, Louis Dumont, Andre Beteille.

- (b) Features of caste system.
- (c) Untouchability-forms and perspectives

(iii) Tribal Communities in India:

(a) Definitional problems.

- (b) Geographical spread.
- (c) Colonial policies and tribes.
- (d) Issues of integration and autonomy.

(iv) Social Classes in India:

- (a) Agrarian class structure.
- (b) Industrial class structure.
- (c) Middle classes in India.

(v) Systems of Kinship in India:

- (a) Lineage and descent in India.
- (b) Types of kinship systems.
- (c) Family and marriage in India.
- (d) Household dimensions of the family.
- (e) Patriarchy, entitlements and sexual division of labour.

(vi) Religion and Society :

- (a) Religious communities in India.
- (b) Problems of religious minorities.

C. Social Changes in India:

(i) Visions of Social Change in India:

- (a) Idea of development planning and mixed economy.
- (b) Constitution, law and social change.
- (c) Education and social change.

(ii) Rural and Agrarian Transformation in India:

(a) Programmes of rural development, Community Development Programme, cooperatives, poverty alleviation schemes.

- (b) Green revolution and social change.
- (c) Changing modes of production in Indian agriculture.
- (d) Problems of rural labour, bondage, migration.

(iii) Industrialization and Urbanisation in India:

- (a) Evolution of modern industry in India.
- (b) Growth of urban settlements in India.
- (c) Working class: structure, growth, class mobilization.
- (d) Informal sector, child labour.
- (e) Slums and deprivation in urban areas.

(iv) Politics and Society :

- (a) Nation, democracy and citizenship.
- (b) Political parties, pressure groups, social and political elite.
- (c) Regionalism and decentralization of power.
- (d) Secularization.

(v) Social Movements in Modern India :

- (a) Peasants and farmers movements.
- (b) Women's movement.
- (c) Backward classes & Dalit movements.
- (d) Environmental movements.
- (e) Ethnicity and Identity movements.

(vi) Population Dynamics :

- (a) Population size, growth, composition and distribution.
- (b) Components of population growth: birth, death, migration.
- (c) Population Policy and family planning.
- (d) Emerging issues: ageing, sex ratios, child and infant mortality, reproductive health.

(vii) Challenges of Social Transformation :

- (a) Crisis of development : displacement, environmental problems and sustainability.
- (b) Poverty, deprivation and inequalities.
- (c) Violence against women.
- (d) Caste conflicts.
- (e) Ethnic conflicts, communalism, religious revivalism.
- (f) Illiteracy and disparities in education.

STATISTICS

PAPER-I

1. Probability :

Sample space and events, probability measure and probability space, random variable as a measurable function.

distribution function of a random variable, discrete and continuous-type random variable, probability mass function, probability density function, vector-valued random variable, marginal and conditional distributions, stochastic independence of events and of random variables, expectation and moments of a random variable, conditional expectation, convergence of a sequence of random variable in distribution, in probability, in path mean and almost everywhere, their criteria and inter-relations, Chebyshev's inequality and Khintchine's weak law of large numbers, strong law of large numbers and Kolmogoroffs theorems, probability generating function, moment generating function, characteristic function, inversion theorem, Linderberg and Levy forms of central limit theorem, standard discrete and continuous probability distributions.