

PAPER-IV (A) ECONOMICS OF SOCIAL SECTOR AND ENVIRONMENT

(Questions will be set from each Unit / Section)

UNIT-I Welfare Economics, Social Sectors and Environment : Pareto optimality and competitive equilibrium; fundamental theorems of welfare economic, Externalities and market inefficiency- externalities as missing markets; property rights and externalities, non-convexities and externalities, Pareto optimal provision of public goods.

UNIT-II measurement of Environmental Values : Use values ; Option values and nonuse values; valuation methods- based on observed market behaviour. Methods based on response to hypothetical markets, contingent valuation methods. The Theory of Environmental Policy : Environmental externalities marketable pollution permits and mixed instruments (the charges and standards approach). Regulation and the new model of pollution control, Monitoring and enforcement of environment regulation, International trade and environment in WTO regime.

UNIT-III Economics of Natural Resource Management and Sustainable Development : Theories of optimal use of exhaustible and renewable resources Environmental and development trade off and the concept of sustainable development; Integrated environment and economics accounting and the measurement of environmentally corrected GDP; macroeconomic Policies and environment.

UNIT-IV Environmental and Natural Resource Problems in India : Mechanism for environment regulation in India; Environmental laws and their implementation; policy instruments for controlling water and air pollution and forestry policy; People's participation the management of common and forest land; The institutions of joint forest management and the joint protected area management; Social forestry - rationale and benefits.

UNIT-V Economics of Education & Health Education as an instrument for economic growth; Human capital - Human capital vs. Physical, components of human capital, Demand for education - private demand and social demand; Cost of Education - Expenditure on education, private costs and social costs and wastage and stagnations; Benefits of education - educational planning and economic growth - Cost - benefit analysis; Educational financing - Resource mobilization and utilization, pricing and subsidies and effects of educational financing on income distribution, Education and labour market - Effects of education, ability and family background on earnings, poverty and income distribution, Health Economics ; Health dimensions of development; Determinants of health poverty, malnutrition, and environmental issues; Economic dimensions of health care; demand and supply of health care Financing of health care and resource constraints; The concept of Human Life value; Theory and empirical studies of production of health care, Inequalities in health - class and gender perspectives; Institutional issues in health care delivery.