

Scientist B - Agricultural Economics / Economics

Name of the post	Subject	Syllabus
Scientist B - Agricultural Economics/ Economics	Agricultural Economics	<p>Fundamentals: Meaning, scope, micro/macro concepts, basic economic laws (demand, supply, utility, cost). Farm Management: Farming systems, farm planning, budgeting, input-output analysis, cost-benefit analysis. Production Economics: Factor-product relationships, marginal cost/revenue, production theories, technology's role. Agricultural Marketing: Functions (storage, transport), price spread, market integration, policies, input marketing, contract farming, WTO. Agricultural Finance & Credit: Credit needs, institutions (NABARD, RBI), scale of finance, risk management (Arrow-Pratt, stochastic dominance). Economic Development: Growth models, role of agriculture, planning in developing nations, India's reforms. Policy & Planning: Price policies, Public Distribution System (PDS), food security, land reforms, trade policies, WTO. Quantitative Methods: Research methodology, project analysis (NPV, IRR), econometrics (regression). Emerging Areas: Agribusiness, value chains, sustainable agriculture, food security, technology impact.</p>
	Economics	<p>Microeconomics: Demand & Supply, Consumer Theory, Production & Costs, Market Structures (Perfect Competition, Monopoly, Oligopoly), Price Determination. Macroeconomics: National Income Accounting, Money & Banking, Determination of Income & Employment (Keynesian Theory, Multiplier), Government Budget & Fiscal Policy, Balance of Payments, Business Cycles. Statistics & Econometrics: Data Collection, Interpretation, Regression Analysis, Statistical Concepts, Application of Software (R, Excel). Advanced & Specialized Topics (University Level)</p>

		<p>Mathematical Economics: Functions, Set Theory, Calculus (Sequences, Series), Linear Programming. International Economics: Theories of Trade, Trade Policy, Exchange Rates. Development Economics: Planning, Poverty, Inequality, Human Development, Economic Reforms (India). Public Finance: Government Intervention, Market Failure, Fiscal Policy. Money & Banking: Theories of Money Demand & Supply, Financial Reforms.</p>
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