



NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT

SYLLABUS FOR THE WRITTEN EXAMINATION FOR THE POST OF ASSISTANT MANAGERS IN GRADE 'A'

APPLIED ECONOMICS

(The syllabus is illustrative and not exhaustive. The syllabus should not be considered as the only source of information while preparing for the examination. Keeping in view the nature of examination, all matters falling within the realm of the subject concerned will have to be studied by the candidate as questions can be asked on all relevant matters under the subject. Candidates appearing for the examination should also prepare themselves for answering questions that may be asked on the current/latest developments/Acts taking place under the subject(s) although those topics may not have been specifically included in the syllabus.)

Section I : Economics

1. Microeconomics: Theory of Consumer Behavior, Theory of Production, Market Structures & Pricing, Theory of Distribution and General Equilibrium, Welfare Economics
2. Macroeconomics: National Income Accounting, Theory of Employment & Output - Classical, Neo-Classical, Keynesian and Post Keynesian developments, Rational Expectation, IS-LM Model, AD-AS model, Harrod-Domar model, etc.
3. Public Finance – Theory of Taxation, Public Expenditure and Debt Management.
4. Economics of Development and Planning – Theory of Growth and Development, Regional Imbalances, Planning – Types, Models and Evaluation of Plans, liberalisation, and globalisation, Indian economy, indicators of economic development.
5. International Economics – Theories of International trade, Foreign Exchange Market, Balance of Payments, FDI, International Monetary Systems, Role of Multilateral Development Bodies such as World Bank, IMF, WTO.
6. Money and Banking – Quantity Theory of Money, Monetary Policy, Goals and Instruments of Monetary Management in Closed and Open Economies, Banking & Financial Sector Reforms.
7. Financial Risk Management – Portfolio theory, risk-return tradeoff, asset pricing models, interest rate dynamics, risk modeling.
8. Natural Resource Management and Environmental Economics- Valuation of environmental goods, climate finance, sustainable development goals (SDGs).

Section II : Agricultural Economics

1. Basic principles of Farm Management
2. Role of Agriculture in Economic Development

3. Factor Market – Land Market, Labor Market, and Capital Market (including commodities market)
4. Agricultural Marketing, Agricultural Prices and Terms of Trade
5. Rural Credit Structure – Formal and Informal, Capital Formation in Agriculture
6. Development Programmes including Poverty Alleviation and Rural Employment
7. Agricultural Policy and Planning
8. Project appraisal techniques, concepts, estimation of economic viability.

Section III : Quantitative Methods in Economics

1. Statistical Method in Economics - Measures of central tendency and dispersion-correlation, regression, Time-series analysis and index number, Theory of Probability, Generalized Least Squares
2. Econometrics & Advanced Applications: Regression Analysis, Panel Data econometrics, Time Series Econometrics, Univariate and multivariate regression analysis, Problems and remedies of Heteroscedasticity, Autocorrelation and Multicollinearity, Dummy Variable Models, Hypothesis Testing.
3. Mathematical Methods in Economics – Differentiation and Integration and their application in economics, Optimization, Matrices, and Linear Programming.
4. Sampling- Design and techniques.