

Economics III Sem. 2018
M.A. M.Sc. First Third Semester Exam. Dec. 2018
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JIWAJI UNIVERSITY, GWALIOR

M.A. (ECONOMICS)
THIRD SEMESTER
PAPER - MA(ECO) 301

SS 501/23
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2/17
2/18

COMPULSORY PAPER

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ECONOMICS OF GROWTH AND DEVELOPMENT

- UNIT - I
 - Concept of Growth and Development, Determinants of Economic Growth, Indices of Development - Human Development Index, Cost of Development, Real Cost of Development, Physical Quality of Life Index (PQLI).

- UNIT - II
 - Theories of Development - Classical, Marx, Schumpeter Model, Nelson Theory, Harrod Domar Model, Joan Robinson's Model of Growth.

- UNIT - III
 - Theory of Balanced Growth - Nurkse and Lewis Growth model with unlimited supply of labour, Theory of unbalanced Growth - Hirschman, Leibenstien's model of growth.

- UNIT - IV
 - Rostow stage of growth, Mahalanobis model, Ranis - Fei model, Kaldor's model of distribution.

- UNIT - V
 - Problems of Capital formation for economic development, Investment allocation, Cost benefit analysis, Choice of Techniques - Labour V/s. Capital intensive techniques, Appropriate and Intermediate Technology.

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COMPULSORY PAPER

ENVIRONMENTAL ECONOMICS

- UNIT - I ➤ Meaning of Environmental Economics. Inter linkages between economics – environment and ecology; Environment quality as a public good; National Income Accounting and Environment; Environmental Problems of Economy.
- UNIT - II ➤ Economics of Pollution, Impact of water pollution and air pollution on economy, Sustainable industrialization, Sustainable development.
- UNIT - III ➤ Social Cost Benefit Analysis- Methods, Application and Limitations, Environment Impact Analysis (EIA); Environment Impact Statement (EIS); Environment Auditing (E.A.).
- UNIT - IV ➤ Global Environmental Problems- Global Warming, Acid Rains, Deforestation, Impact of Climate Change on Economy, Earth Summits.
- UNIT - V ➤ Constitutional rights and duties regarding environment, Salient features of National Environment Policy 2006; The Environment (Protection) Act 1986.

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PAPER - Opt. A-1

SI. 501-d

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OPTIONAL PAPER

INDUSTRIAL ECONOMICS-I

- UNIT - I ➤ Industrialization – Meaning and Importance, Process of industrialization. Problem of industrialization. Classification of industries – size based, use based, input based, proprietary based. Dangers of Heavy Industrialisation.
- UNIT - II ➤ Industrial Combination – Definition, advantages and disadvantages, Forms and Types of industrial combinations. Localization of Industries – Concept and significance. Theories of industrial combination – Weber and Sargent Florence.
- UNIT - III ➤ Role of Govt. in industrial development, Licensing policy, Industrial policy – 1948 Policy, 1956 Policy, New Industrial Policy
- UNIT - IV ➤ Industrial Productivity – Concept, Types, Measurement, Partial and Total trends, Productivity movement in India. Rationalization – Meaning, Objective, Aspects, Problems, Govt. Policies towards Rationalization, Modernization in Indian Industries.
- UNIT - V ➤ Industrial Sickness – Definition, Extent of Industrial sickness in Indian Industries, Causes of sickness, Harmful effect of sickness, Measures to remove industrial sickness. Concentration of economic power and monopoly, Measures to check monopoly, UTP and RTP provisions, Competition Act.

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OPTIONAL PAPER

COMPUTER APPLICATION IN ECONOMICS-I

- UNIT - I
1
- Introduction to modern digital computers, Block diagram of a computer : Central processing unit, Computer peripherals : input and output devices; Introduction and use of Memory, different types of memories and their uses, Introduction to Computer instruction and program, Differences between high and low-level programming languages, Motivation of high level language.
- UNIT - II
- Data type and data representation in computers, Number systems, inter-conversion of numbers, Flow-chart and algorithm with few example based on statistical functions used in economics, Introduction to Computer software and instructions.
- UNIT - III
- Historical perspective of operating systems, Introduction to MS-DOS operating system, Concepts of batch processing, multi-programming, time-sharing, real-time and multiprocessor systems, single-user / multi-user Operating systems, single task / multi task Operating systems, Operating system services : File and memory management, File types, Device directory, Directory systems.
- UNIT - IV
- Introduction to Windows, GUI, Introduction of Windows components : control-panel and its uses (add / remove hardware, add or remove software, device manager, devices and printers, fonts, network and sharing center, backup and restore, Windows update, power options, phone and modem, display, folder options, date and time, recovery, sound, user account), desktop, taskbar, Icon and shortcut.
- UNIT - V
- Introduction to MS-Word, File operations : creating, editing / modifying, saving and printing a document file, format paragraph, line spacing, space before and after paragraph, margins and gutters, page break, repagination, sections, creating headers and footers, setting and clearing tabs, table insertion, use of micro, table insertion, table operations : deleting column or row, insertion of column or row, controlling row height / column width, formatting cell / column / row, mail-merge (Letters / Envelope / e-mail / levels) and its uses.

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OPTIONAL PAPER

INDUSTRIAL RELATIONS AND LABOUR LEGISLATION-I

- UNIT-I
 - Industrial Labour – Meaning, Peculiarities, Types. Growth of Labour market in India.
 - Industrial Relation – Concept, Scope and importance, components of Indian Relation System. Meaning of Human Relation (HR), Industrial Relations V/s. Human Relation.

- UNIT - II
 - Various concepts of Wages – Fair wages, Living wages, Minimum wages, Methods of wage payment, Wages policy in India, Minimum wages Act, 1948.

- UNIT - III
 - Bonus: Origin of Bonus payment, Concept, Need, Bonus payment in India. Payment of Bonus Act 1965. Problems related to Bonus in India.

- UNIT - IV
 - Industrial Disputes – Meaning, Types, Causes, Consequences, Prevention and Settlement, Industrial Disputes Act 1947

- UNIT - V
 - Collective Bargaining – Definition, Scope, Objective, Process, Forms, Advantages, Disadvantages, Collective Bargaining in India. Problems of Child Labour and Women Labour, Measures to prevent child labour.

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ECONOMETRICS-I

- UNIT - I** ➤ Statistical Inference: Random Variable, Expectation of Random Variable, Sampling distribution and Standard Error, Testing of Hypothesis, Level of Significance and confidence limit, Hypothesis Testing for Mean, difference between means, Proportions and difference between proportions. Small Sample and Large Sample Test, F-Test, Estimation and Properties of Good Estimates.
- UNIT - II** ➤ Meaning and Methodology of Econometrics – Nature and Scope of Econometrics. The Nature of Regression Analysis and basics of Two-Variable Regression Analysis. Estimation and Hypothesis Testing. Extensions of the Two-variable Linear Regression Model, Multiple Regression Model, Estimation and Inference.
- UNIT - III** ➤ Nature, Consequences, Detection and Remedial Measure of Multi Collinearity Heteroscedasticity and Autocorrelation.
- UNIT - IV** ➤ Regression on Dummy Variable, Dynamic Econometrics Models: Autoregressive and Distributed Lag Models.
- UNIT - V** ➤ Systems of Equations, Identification and Estimation Methods (ILS and 2 SLS), Business Applications of Single Equation Econometrics Model and Systems of Equations.

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AGRICULTURAL ECONOMICS

- UNIT - I
 - Agricultural Economics - Meaning, Nature and Scope
 - Role of Agriculture in Indian Economy
 - Stages of Agriculture Development
 - Lewis Model and René- Fe contribution

- UNIT - II
 - Optimum Combination problems in Agriculture input (inferences to land, Labour and capital)
 - Agriculture System and their types co operative v/s private
 - Agriculture Holdings
 - Land Reforms in India and M.P.

- UNIT - III
 - Agricultural indebtedness
 - Agricultural Finance- source, types and problems
 - Agricultural Marketing- types and problems
 - Fluctuations in Agricultural Prices, Agriculture Private Policy, Minimum Support Price

- UNIT - IV
 - Agriculture Development in Planned Periods
 - Technological Development in Agriculture, Dry Farming, Green Revolution.
 - Farm Management
 - Agriculture Taxation

- UNIT - V
 - Issue of Indian Agriculture in Global Perspective
 - Provisions regarding Agriculture in W.T.O.
 - Agriculture Development in Madhya Pradesh
 - Agriculture related problems and suggestions in Madhya Pradesh

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RURAL DEVELOPMENT

- UNIT - I
- Introduction
Nature of rural economy; Concept and features of rural development; Causes of rural backwardness in India; Importance of rural development for Indian economy; Relationship of rural development with industrial development and Service sector.
- UNIT - II
- Dimensions of Rural Development
Agriculture, Irrigation; Electrification and power supply; Rural roads; Health; Education; Banking in rural areas; Sanitation; Safe drinking water; Productivity level
- UNIT - III
- Institutions for rural development
National Bank for Agriculture and Rural Development(NABARD); Council for Advancement of People's Actions and Rural Technology (CAPART); Panchayati Raj institutions; Commercial Banks and Regional Rural Banks
- UNIT - IV
- Various programmes for rural development in India
Provision of Urban Amenities in Rural Areas (PURA); Mahatma Gandhi National Rural Employment Guarantee Act 2005; Pradhan Mantri Gramin Sadak Yojana(PMGSY); Rural housing; Swarnjayanti Gram Swarojgar Yojana(SGSY); Latest provisions and changes in Union budget for rural development
- UNIT - V
- Rural Development in Madhya Pradesh
Madhya Pradesh Rural Livelihood Project; Madhya Pradesh Rural Road Development Authority, Mahatma Gandhi State Institute of Rural Development; Causes of rural backwardness in Madhya Pradesh; Other initiatives for rural development in Madhya Pradesh.