

**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA**  
**1<sup>st</sup> Year B.A,B.Com– Micro Economics – I**  
**Paper – I – Semester – I**  
**SYLLABUS under CBCS (with effect from 2017 – 18)**

**Course code :**

**Objectives:**

1. As a foundation Course, in this paper, student is expected to understand the behaviour of an economic agent, namely, a consumer a producer, a factor owner and the price fluctuation in a market.
2. To equip the students with micro economic theories with graphic illustrations.
3. To develop the skills of analysis and application of the principles to the real world problems.

**Outcome:**

1. Student is supposed to understand the behaviour of consumer and producer.
2. Student is supposed to make distinguish between different types of costs.

**Unit -I: Introduction**

Nature, Definition and Scope of economics – Micro and Macro, Static and Dynamic, Normative and Positive – Inductive and Deductive approaches – Partial General Equilibrium – Choice as an Economic Problem

**Unit -II: Consumer Behaviour**

Utility analysis – Cardinal and Ordinal approaches – Law of Diminishing marginal utility, Law of Equi-marginal utility – Indifference curves – Properties of Indifference curves – Price (Budget) line – Equilibrium of the consumer with the help of Indifference curves. Demand analysis – Law of Demand – Elasticity of Demand – Price, Income, and Cross elasticities,– Demand forecasting – Meaning and factors influencing demand forecasting -Consumer's Surplus

**Unit -III: Theory of Production**

Theories of production – Objectives of a firm - Factors of Production – Concept of Cobb- Douglas production function – Law of Variable Proportions, Law of Returns to Scale – Isoquant approach.

#### **Unit -IV: Costs and Revenue Analysis**

Different Concepts of Revenue and costs - Equilibrium of the Firm – Break-Even analysis  
Unit -V: Supply Theory of Supply – determinants of Supply – Supply function – Elasticity of supply – types of elasticity of supply. [Additional Input Underlined]

#### **Suggested Books:**

1. R.G. lipsey and K.A.Chrysal – — ECONOMICS|| Oxford University press, 10/e 2004
2. P.A. Samuelson & W.D Nordhaus – — ECONOMICS|| Tata mc.Graw Hill, 18/e, 2005
3. N.Gregory Mankiw – —Principles of Economics||, Thompson, 4/e 2007
4. H.L. Ahuja – —Advanced Economic Theory||, S Chand, 2004
5. M.L.Sethy – — Micro Economics||, Laxmi Narayana Agarwal, 2007
6. D.M. Mithani & G.K Murthy – —Fundamentals of Business Economics||, Himalaya Publishing, 2007
7. Telugu Academy Publications
8. AUSSDE – Study material
9. Bilas, A.—Micro economic Theory||, International Student edition, Mc. Graw Hill, 1971
10. Dr. N.Koti Reddy – —Dictionary of Economics, Samatha Publications, 2011

**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA**  
**1<sup>st</sup> Year B.A., B.Com– Micro Economics – II**  
**Paper – II – Semester – II**  
**SYLLABUS under CBCS (with effect from 2017 – 18)**

**Course code :**

**Objectives :**

1. In this paper, students is expected to understand the theoretical approaches related to different markets.
2. To make the students aware of different factors of production and how they remunerated or paid in terms of rent, wages, interest and profits.
3. To created practical approach among the students.

**Outcome :**

1. Student is supposed to distinguish between perfect and Imperfect market.
2. Student is supposed to make clear between different factors of production and how they paid

**Module - 1**

Isoquants - Producers equilibrium with the help of isoquants – Expansion Path - Law of Returns to Scale - Cobb-web theory.

**Module - 2**

Perfect Competition - Price determination and equilibrium under perfect competition — Monopoly - Price determination - Price discrimination.

**Module - 3**

Monopolistic competition - price determination – Selling Costs - Oligopoly - Kinked demand curve approach, Duopoly.

**Module - 4**

Marginal Productivity theory of distribution - Types of wages and wage differences - Theories of wage determination – Impact of trade unions on wages - Collective bargaining - concept of minimum wage.

## **Module - 5**

Ricardian theory of rent - Quasi rent concept of Alfred Marshall – Transfer earnings - Interest - Classical, Neo-classical and Keynesian theories - Profit - dynamic, innovations, Risk and Uncertainty theories.

### **Text Books:**

1. Telugu Academy Publications
2. AUSDE - Study Material
3. D.M. Mithani & G.K. Murty - Business Economics, Himalaya Publishing, 2015.

### **REFERENCES:**

1. R.G. Lipsey and K.A.Chrysal - "Economics", Oxford University Press, 10/e, 2004.
2. P.A.Samuelson & W.D. Nordhaus-"Economics", Tata Mc.Graw Hill, 18/e, 2005.
3. N.Gregory Mankiw-"Principles of Economics", Thompson 2015.
4. H.L.Ahuja-"Advanced Economic Theory""S.Chand, 2004.
5. M.L.Seth-"Micro Economics",Laxmi Narayana Agarwal, 2015.
6. Bilas, A.-"Micro Economic Theory", International Student Edition, Mc.Graw Hill, 1971.

**P.R.GOV'T.COLLEGE (AUTONOMOUS) KAKINADA**  
**2<sup>nd</sup> Year B.A. &B.Com – Macro Economics – I**  
**Paper – III – Semester – III**

**SYLLABUS under CBCS (with effect from 2017 – 18)**

**Course Code : 3102**

**Objectives :**

1. The paper entitled 'Macro Economics' is designed to make an undergraduate student aware of the basic theoretical frame work underlying the field of Macro Economics
2. It deals with the functioning of the Economics as a whole, including how the economy's total output of goods and services and employment of resources is determined and what causes these totals to fluctuate.

**Outcome :**

1. The student is able to understand the economy as a whole and its functioning.
2. The student is able to understand the empirical as well as policy issues.

**MODULE – I : National Income (15 Lectures)**

Meaning, Definition and importance of Macro Economics – National Income : Meaning, Definitions : National Income, GNP & NNP, GDP & NDP, Personal Income (PI) Disposable Income (DI), Percapita Income (PCI), Real National Income (RNI).

**MODULE – II : National Income Accounting – (10 Lectures)**

Methods of Estimation of National Income (NI) – Measurement of National Income in India.

**MODULE – III : Theories of Employment – (20 Lectures)**

Classical theory of employment – Say's law of markets – Keynesian theory of employment – Consumption function – APC, MPC, factors influencing consumption function.

**MODULE – IV : Investment Function – (15 – Lectures)**

Investment function – MEC and Rate of Interest and the concept of Multiplier Accelerator – Applicability of the Keynesian theory to the developing countries.

**Text books :**

1. G.Ackley – “Macro Economics Theory and Policy”
2. E.Shapiro – “Macro Economic Analysis”

**References :**

1. M.L.Seth – “Macro Economics”
2. Dillard.D – “The economics of John Maynard Keynes”
3. TeluguAcademy Publications
4. Central Statistical organization – “National Accounts & Statistics”.

**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA**  
**2<sup>nd</sup> Year B.A. &B.Com – Macro Economics – II**  
**Paper – IV – Semester – IV**  
**SYLLABUS under CBCS (with effect from 2017 – 18)**

Course code :

**Objectives:**

1. To understand the origin and functions of Money and its effects on economy.
2. To understand the trade cycles and inflation their mature and affects on the economy.
3. To get knowledge about the Banking system.

**Outcome :**

1. The student is able to understand the monetary economic system and also can able to analyse the influences of money on the economic system as a whole.
2. It can enable to understand the functioning of commercial Banks, stock exchanges etc.

**UNIT – I : Money and Theories of Money – (10 Lectures)**

Meaning, functions and classification of Money – Gresham's law – RBI-  
Classification of Money – M1, M2, M3, M4.

**UNIT – II : Theories of Money – (15 Lectures)**

Theories of Money – Fisher's Qunatity theory of Money, Cambridge Approach  
(Marshall, Pigou, Robertsoy and Keynes).

**UNIT – III – Trade Cycle and Inflation – (20 Lectures)**

Trade Cycles – Meaning and definition – phases of Trade Cycle – Inflation –  
Definition – Types of Inflation – Causes and effects of Inflation – Measures to  
control Inflation.

**UNIT – IV : Banking, Stock Market and Insurance ( 20 Lectures)**

Functions of Commercial Banks – The process of credit creation concept of Non  
Banking Finance Companies (NBFCs) – Concept of SEBI, Stock Market –  
Meaning, functions and importance of Stock Market – Primary and Secondary  
Markets, Concepts of (a) Shares (b) Debentures, Insurance – Types of Insurance  
– Life Insurance and General Insurance – Functions of the Reserve Bank of India  
– Methods of Credit Control – Quantitative and qualitative methods.

**Text books :**

1. M.L.Seth – “Macro Economics”
2. M.N.Mishra & SB Mishra – “Insurance principles and Practice”

**References :**

1. Bharati V.Pathak – “The Indian Financial System, Market, Institutions & Services”
2. K.P.M.Sundaram – “Money, Banking & International Trade”



**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA**  
**3<sup>rd</sup> Year B.A. &B.Com –Indian Economy (Compulsory)**  
**Paper – V – Semester – V**  
**SYLLABUS under CBCS (with effect from 2017 – 18)**

Course code :

**Objectives:**

1. To acquire sufficient knowledge about India's Economic features; occupational structure and the relative shares of the different sectors.
2. Students should know that India is an emerging economic power in the world market.

**UNIT – I : Concepts of Development – (10 Lectures)**

Meaning of Economic growth and development – Measures of Economic Development – GNP – PQLI and HDI, Factors influencing Economic development – Sustainable development – Balanced and unbalanced growth – choice of Techniques – Labour intensive and Capital intensive.

**UNIT – II : Structure of the Indian Economy – (20 Lectures)**

Basic features of Indian Economy– Demographic features – size and growth of the population – Age and sex composition. Rural and urban population – occupational distribution – Population Policy , National Income in India – Trends and composition – Poverty, Inequalities and unemployment causes and consequences – Current Five Year Plan – Objectives, Mobilization and Allocation of Resources – New Economic Reforms – Liberalization, Privatization and Globalization in India – Inclusive growth.

**UNIT – III : Indian Agriculture – (15 Lectures)**

Trends in agricultural production and productivity; Factors determining productivity. Rural Credit – Micro Finance and self-Help Groups (SHGs) Agricultural price policy, Crop Insurance, Food Security, Agricultural Marketing in India.

**UNIT – IV : Indian Industry and services – (20 Lectures)**

Structure and growth of Indian Industry – Industrial policies of 1956 and 1991,  
Growth and problems of Small Scale Industry. Disinvestment Policy in India –  
FDI – Growing Importance of Service Sector in India – Banking Insurance,  
Information Technology, Education and Health.

**UNIT – V Brief overview of AP Economy (5 Lecturers)**

**Text books :**

1. Dhingra I.C. – “Indian Economy”
2. Ruddar Dutta and K.P.M.Sundaram – “Indian Economy”

**References :**

1. G.M.Meir – “Leading issues in Economic Development”
2. M.P.Todaro – “Economic Development”
3. Reserve Bank of India – “Handbook of Statistics on Indian Economy”
4. S.K.Mirra and V.K.Puri – “Indian Economy”
5. Govt. of AP – Latest Socio-Economic Survey

**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA**  
**3<sup>rd</sup> Year B.A. &B.Com – Elective – I (to choose 1 out of the given 2)**  
**Environmental Economics**  
**Paper – VI A – Semester – V**  
**SYLLABUS under CBCS (with effect from 2017 – 18)**

Course code :

**Objectives:**

1. To understand how the economic development and general welfare of a society depend upon a pollution free environment.
2. To understand the bond between Environment and Economics is sure to motivate the future generation to undertake environment friendly Economic activities.

**Outcome :**

1. The student is able to understand the relationship between growth and pollution free environment.
2. The student can take measures to protect the environment.

**UNIT – I : Theory and Concepts : (15 Lectures)**

Definition – Environment inter-linkages – Identification of the basic issue in preserving environmental quality – Tragedy of commons – Pollution as an externality – Material Balance approach – Components of the Environment – Environmental quality as a public good.

**UNIT – II : Environmental Issues in Indian Economy ( 15 Lectures)**

Environmental Pollution – Air Pollution, Water Pollution, Land Pollution, Marine Pollution, Noise Pollution – Role of an individual in Prevention of Pollution.

**UNIT – III : Pollution and Environmental Problems ( 15 Lectures)**

Trends in Global and National Population levels – Consequences on Environmental quality – Problems of urbanization and Environmental quality in India.

**UNIT – IV : Economic Growth ( 15 Lectures)**

Economic Growth Vs Environmental quality – problems of environmental quality in developing economies – Nature of Environmental problems in India.

**Text Books :**

1. Ramprasad Sen Gupta – Ecology and Economics

**Reference Books :**

1. World Bank, “World Development Report 1992”

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**3<sup>rd</sup> Year B.A. &B.Com – Elective – II (to choose 1 out of the given 2)**

**Financial Markets**

**Paper – VI B – Semester – V**

**SYLLABUS under CBCS (with effect from 2017 – 18)**

**Course code :**

**Objectives :**

1. To understand the role of Financial Markets in Industrial Development
2. Understanding of Capital formation and its institutions and instruments.
3. The Capital Market and Money Market in India's Economic Development.

**Outcome :**

1. The student can understand the financial system and how it works in formation of capital.
2. The student is able to understand the meaning of capital market and Money market and he would differentiate between them.
3. It will give some knowledge about the stock market and its instruments.

**UNIT – I : Role of Financial Markets in Economy ( 10 Lectures)**

Role of Financial Markets in Economy, Financial Markets – Money Market – Capital Market, Importance of Financial markets in developing economy.

**UNIT – II : Capital Formation and Credit – ( 30 Lectures)**

- (a) Meaning and types of Capital : Fixed Capital, Working Capital, Equity Capital and debit Capital, Shares, Debentures, Institutional Credit and Public Deposits.
- (b) Credit – Types of Credit instruments : Negotiable Instruments ; Cheques, bill of exchange, promissory note and Hundie – Miscellaneous Credit Instruments; Bank Draft, Dividend Wallouts, Treasury bills and Letters of Credit

**UNIT – III : Money Market in Indian Economy (15 Lectures)**

Structure of money market – call money market – Treasury bill market – commercial bill market – the old bill market scheme – new bill market scheme – Indigenous banking – Role of RBI and Commercial Banks in the money markets

#### **UNIT – IV : Stock Markets – (10 Lectures)**

Scope and structure of stock markets – Security Market, Corporate securities, Government Securities – Corporate Securities, Bonds, Equities, Preference shares  
Government securities – Gold edged securities, New issues , old issues. Role of stock exchange.

#### **Text Books :**

1. Chandler L.V. and S.M. Goldfeld – “The Economics of Money and Banking”

#### **References :**

1. S.B.Gupta – “Monetary Economics”
2. S.Mitra – “Money and Banking”
3. C.Rangarajan – “Indian Economics” : Essays on Money and Finance”
4. RBI “Report of the Committee on Financial Companies (1992)”

**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA**  
**3<sup>rd</sup> Year B.A. &B.Com – Mathematics and statistics for Economics**  
**Elective – II (to choose 1 out of the given 2)**  
**Paper – III – Semester – VI**  
**SYLLABUS under CBCS (with effect from 2017 – 18)**

**Course code :**

**Objectives :**

1. Inorder to understand economic problems, clearly, the knowledge of Mathematics and Statistics is very essential.
2. The student in this direction are expected to have on elementary knowledge of concept of functions calculus.
3. This course is meant to train the student in this direction.

**Outcome :**

1. The student can gain some skill in solving economic problems with the help of mathematics knowledge.
2. The knowledge of statistics in problem solving is very essential.

**UNIT – I : Basic Concepts ( 10 Lectures)**

Variables, sets, functions, Identities, Systems of equations, Application of Straight line system, Slope of the line, Homogeneous function.

**UNIT – II : Calculus – ( 20 Lectures)**

Differentiation of a function, Maxima and Minima, Elastocities, Equilibrium of a firm and consumer; inter-relationships among total, marginal and average cost and revenues; constrained optimization problem; Integration of a function; Consumer's and Producer's surplus.

**UNIT – III : Introduction to Statistics – (20 Lectures)**

Basic concepts; Population, sample, parameter, Frequency Distribution, cumulative frequency; Graphic and diagrammatic representation of data, Techniques of data collection; Sampling Vs Population – Primary and secondary data.

**UNIT – IV : Central Tendency and Dispersion – (20 Lectures)**

Measures of central Tendency : Mean, Median, Mode, Geometric mean and Harmonic Mean. Measures of dispersion; Range, Mean Deviation, Standard Deviation; Coefficient of Variation, quartile deviation, Skewness and Kurtosis.

**Text Books :**

- 1 Allen, R.G.D. “Mathematical analysis for economists”
- 2 Black,J and J.F.Bradley “Essential Mathematics for Economists”

**References:**

1. Chiang,A.C. “Fundamental methods of Mathematical Economics”
2. Croxton F.E., Cowden and S Klein – “Applied General Statistics”
3. Gupta, S.C. and V.K.Kapoor – “Fundamentals of Applied Statistics”



**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA**  
**3<sup>rd</sup> Year B.A. &B.Com – Elective – 3 (to choose 1 out of the given 2)**  
**Public Economics**  
**Paper – VIII A – Semester – VI**  
**SYLLABUS under CBCS (with effect from 2017 – 18)**

Course code :

**Objectives :**

1. 'Public Finance' is an important subject towards understanding of Government expenditure and Revenue.
2. In modern times, the activities of state have considerably and the theoretical understanding of different state activities through budgetary mechanisms is essential.
3. **Outcome :**
  1. The student is enabled to understand the Public Revenue and expenditure system especially of the 'Taxation' system.
  2. It explains the state budgets and debt systems also.

**UNIT – I : Nature and Scope of Public Finance – (15 Lectures)**

Meaning and scope of Public Finance; Distinction between Private and Public Finance; Public goods Vs Private goods; the principle of maximum social advantage; Market failure; Role of the Government.

**UNIT – II : Public Expenditure – (15 Lectures)**

Meaning, classification and principle of Public Expenditure; Canons and effects of Public expenditure; Trends in Public Expenditure and causes of growth of Public expenditure in India.

**UNIT – III – Taxation – (20 Lectures)**

Sources of Public Revenue; Taxation – Meaning, Canons and Classification of taxes; Division of tax burden – the benefit and ability – to – pay approaches; impact and incidence of taxes; Taxable capacity; Effects of taxation; Characteristics of a good tax system; Major trends in tax revenue of the central and state governments in India.

#### **UNIT – IV : Public debt and Financial Administration – (20 Lectures)**

Sources of Public borrowings; Effects of Public debt; methods of debt redemption; growth of India's Public debt; the Public budget – Kinds of budget; Economic and functional classification of the budget; Preparation and passing of budget in India.

#### **Text books :**

1. B.P.Thyagi "Public Finance"
2. Houghton,E.W. "Public Finance"

#### **References :**

1. Musgrave,R.A. "The theory of Public Finance"
2. Herber B.P. "Modern Public Finance"
3. Mithani D.M. "Modern Public Finance"
4. Due, J.F. "Government Finance"
5. Bhargava,R.N. "The theory and working of union Finance in India"

**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA**  
**3<sup>rd</sup> Year B.A. &B.Com – Elective – 4 (to choose 1 out of the given 2)**  
**International Economics**  
**Paper – VIII B – Semester – VI**  
**SYLLABUS under CBCS (with effect from 2017 – 18)**  
Course code : 6104B

**Objectives :**

1. This course provides the students a thorough understanding and deep knowledge about the basic principles that tend to govern the free flow of trade in goods and services at the global level.
2. The students would also be well trained about the rationale of recent changes in the export – import policies of India.

**Outcome :**

1. It would enable the student to understand the impact of free trade and tariffs on the different sectors of the economy as well as at the macro level.
2. This course has become relatively more relevant from the policy point of view under the present waves of globalization and liberalization both in the North and in the South.

**UNIT – I : Importance of Trade and Trade Theories ( 15 Lectures)**

Importance of the study of international economics; Inter-regional and international trade; theories of absolute advantage, comparative advantage and opportunity cost; Heckscher – Ohlin theory of Trade – its main features, assumptions and limitations.

**UNIT – II : Tariffs and Quotas – (15 Lectures)**

Types of Tariffs and quotas ; their impact in partial equilibrium analysis; Free trade and policy of tariffs in relation to economic growth with Special reference to India; Concept of optimum tariff.

### **UNIT – III : Balance of Trade and Balance of Payment (20 Lectures)**

Concepts and components of Balance of Trade and Balance of Payments; Equilibrium and disequilibrium in Balance of Payments; consequences of disequilibrium in Balance of Payments; various measures to correct deficit in the Balance of Payments; Relative merits, demerits and limitations of devaluation; Concept and implications of foreign Trade multiplier; Functions of IMF, World Bank and GATT / WTO; Reform of the international monetary system and India.

### **UNIT – IV : Foreign Trade in India (20 Lectures)**

Need for and rationale of trade reforms in India (including partial and full convertibility of rupee); Instruments of export promotion and recent export and import policies of India; Role of multinational corporations in India.

#### **Text Books :**

1. B.O.Sodersten “International Economics”
2. C.P.Kindl Berger – “International Economics”

#### **References :**

1. Krugman,P.R. and M.Obstgeld (1994), International Economics :Theory and Policy, Glenview ; Foresman.
2. Salvatore,D.L.(1997), International Economics, Prentice – Hall, Upper Saddle River, N.J.
3. Bhagwati,J(Ed)(1981), International Trade, selected Readings, Cambridge University Press, Mass.
4. Nayyar,D (1976), India’s Exports and Export Policies in the 1960s, Cambridge University Press, Cambridge.

**P.R.GOV.T. COLLEGE (A), KAKINADA.**  
**ACTUARIAL SCIENCE SYLLABUS 2017-18**  
**PRINCIPLES OF ECONOMICS (for ACTUARIAL SCIENCE)**

**MODULE I**

**I. INTRODUCTION TO ECONOMICS 10 hours**

Nature and scope of economics – Methodology in economics — Concepts of Demand and Supply – Elasticity of demand – price, income, cross.

**II. CONSUMER BEHAVIOUR: 12 hours**

Cardinal and Ordinal approaches – Law of Diminishing Marginal utility – Indifference curve – Consumer's equilibrium – Consumer surplus.

**III. FEATURES OF VARIOUS MARKETS 10 hours**

Market forms – Perfect and Imperfect Markets – Features of various markets – Monopoly, Monopolistic Competition, Oligopoly – Notion of Controlled and Administered prices.

**MODULE II**

**IV. COST – BENEFIT ANALYSIS: 07 hours**

Concepts of Payback period – Average Annual Rate of return – Net Present Value – Internal Rate of Return criterion – Elements of Social Cost Benefit analysis.

**V. NATIONAL INCOME AND SOCIAL ACCOUNTS 12 hours**

National income and social accounts – concept and measurement of national income – Introduction to Macro economic policy and Money and monetary institutions.... RBI, Commercial banks – Concept of Insurance, Stock exchanges, SEBI, IRDA.

**VI. TRADE CYCLES 09 hours**

Nature, characteristics and phases of Trade cycles – Control of Trade Cycles.

**References:**

1. CT-7 study material of Institute of Actuaries of India
2. Ackley (1976) Micro Economics – Theory and policy, Macmilan publishing company, Newyork.
3. Gupta S.B(1994), Monetary Economics, S.Chand & Co., New Delhi.
4. Heijdra B.J. and F.V.Ploeg (2001) Foundations of Modern Economics, Oxford university Press, Oxford.

P.R. Government College (Autonomous), Kakinada  
I Year B.A. Degree Examinations  
I Semester-End-Examinations, Model Paper  
MICRO ECONOMICS – I  
English & Telugu medium

**Time: 3 hrs**

**Max.Marks:60**

**SECTION - A**

**Answer any Five Questions**

**5x4=20**

1. Inductive Method
2. Cardinal Utility – Ordinal Utility
3. Giffen paradox
4. Budget Line.
5. Income Elasticity of Demand
6. Cobb – Douglas Production function
7. Opportunity Cost
8.  $MR = MC$

**SECTION - B**

**Answer All the Questions**

**4x10=40**

9. a) Explain the inter relation between micro economics and macro economics ?

**(Or)**

b) What is elasticity of demand .Explain different types of price elasticity of demand with suitable diagrams?

10. a) Explain the properties of indifference curves?

**(Or)**

b) What is demand forecasting and explain different properties influencing it ?

11. a) Define Utility and explain the law of equi-marginal utility?

**(Or)**

b) Critically explain the law of variable proportion?

12. a) Explain the different costs of production in short period and their importance?

**(Or)**

- b) Distinction between internal and external economies?

P.R. Government College (Autonomous), Kakinada  
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II Semester-End-Examinations, Model Paper  
MICRO ECONOMICS – II  
English & Telugu medium

**Time: 3 hrs**

**Max.Marks:60**

**SECTION - A**

**Answer any Five Questions**

**5x4=20**

1. Cobb - Web theory
2. Selling costs.
3. Duopoly.
4. Wage differences.
5. Minimum wages.
6. Quasi Rent.
7. Schumpeter's Theory of profits.
8. Gross and net profits.

**SECTION - B**

**Answer All the Questions**

**4x10=40**

9. a) Explain producers equilibrium with the help of Isoquants?

**(Or)**

- b) Write an essay on Expansion Path.?

10. a) Illustrate how price will be determined under perfect competition?

**(Or)**

- b) Write an essay on price discrimination.

11. a) Explain how equilibrium price will be determined under Monopolistic competition?

**(Or)**

- b) Examine Price stability in Oligopoly.

12. a) Explain the producers equilibrium with the help of Marginal Productivity theory?

**(Or)**

- b) Examine the role of trade unions in increasing wages?





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12. The concept of accelerator  
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13. Demonstration effect.  
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SECTION-C

Answer all the following questions.

10x2=20M

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14. Net National Product  
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15. Disposable Income  
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16. M P C  
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17. Propensity to save.  
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18. Rate of Interest.  
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19. Autonomous Investment.  
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20. C. S. O.  
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21. Employment Multiplier.  
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22. Full employment  
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23. Price Theory.

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P.R. Government College (Autonomous), Kakinada  
II Year B.A. Degree Examinations  
IV Semester-End-Examinations, Model Paper  
MACRO ECONOMICS – II  
English & Telugu medium

Max. Marks: 70

Time: 3 Hours

SECTION-A

Answer any THREE of the following questions.

3x10=30M

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1. Define "Money" and explain the functions of Money?  
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2. Critically Explain Fisher's quantity theory of Money?  
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3. Define "Inflation" and explain the theories of Inflation?  
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□□□□□□□□□□□□□ □□□□□□□□□□□?
4. What are the features of trade Cycle and Explain phases of trade cycles?  
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□□□□□□□□□□?
5. Explain the functions of Reserve Bank of India?  
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**SECTION-B**

**Answer any Five of the following questions. 5x4=20M**  
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6. RBI Supply of Money  
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7. Types of Inflation  
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8. Functions of Commercial Banks  
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9. NBFC  
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10. Functions of SEBI  
SEBI □□□□□□□
11. Type of Insurance  
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12. Grasham's Law  
□□□□□□□ □□□□□□□
13. Qualitative Credit control Measures  
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**SECTION-C**

**Answer all the following questions. 10x2=20M**  
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14. Money Veil  
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15. Near Money

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16. D. Subbarao  
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17. Debentures  
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18. Shares  
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19. Bank Rate  
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20. CRR  
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21. Stock Market  
□□□□□□ □□□□□□□□□□
22. Open Economy  
□□□□□□ □□□□□□ □□□□□□□□
23. Inflationary Gapes  
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**P.R. Government College (Autonomous), Kakinada**  
**III Year B.A. Degree Examinations**  
**V Semester-End-Examinations, Model Paper**  
**ECONOMICS – V**  
**INDIAN ECONOMY**  
**English & Telugu medium**

Max. Marks: 70

Time: 3 Hours

SECTION-A

Answer any THREE of the following questions. 3x10=30M

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1. What is Economics Development? Explain how it is measured?  
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2. What are the basic features of Indian Economy?  
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3. Write an essay on Liberalization, Privatization and Globalization.  
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 □□□□□□□□.
4. Explain the importance of Agriculture in Indian Economy.

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5. What are the salient features of 1991 Industrial Policy?  
1991 □□□□□□□□□□ □□□□□ □□□□□□□□□□□□?

### SECTION-B

Answer any Five of the following questions.

5x4=20M

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6. Physical Quality of Life Index.  
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7. Sex Composition of Population  
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8. New Economic Reforms  
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9. Agricultural Price Policy  
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10. Food Security  
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11. Problems of Micro, Small and Medium Enterprises  
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12. Poverty Line  
□□□□□□□□□ □□□
13. Information Technology in Andhra Pradesh  
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### SECTION-C

Answer all the following questions.

10x2=20M

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14. Human Development Index  
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15. Sustainable Development  
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16. Demographic Dividend  
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17. Crop Insurance  
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18. Self Help Groups  
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19. Disguised Unemployment  
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20. Special Economic Zones  
□□□□□□□□ □□□□□□ □□□□□□□□
21. Privatization

- 22. 11<sup>th</sup> Five Year Plan  
 11□ □□□□□□ □□□□□□□□  
 23. Drain Theory  
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P.R. Government College (Autonomous), Kakinada  
 III Year B.A. Degree Examinations  
 VI Semester-End-Examinations, Model Paper  
 ECONOMICS – VIII A  
 PUBLIC ECONOMICS  
 English & Telugu medium

Max. Marks: 70

Time: 3 Hours

SECTION-A

Answer any THREE of the following questions. 3x10=30M

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1. Explain the Meaning, Scope and Importance of Public finance?  
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2. Explain the principal of Maximum Social Advantage?  
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3. What are the main sources of Public Revenue?  
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4. Explain the Merits and Demerits of the Direct Access?  
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5. Explain the various methods of Debit Redemption?  
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SECTION-B

Answer any FIVE of the following questions. 5x4=20M

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6. Public Groups and Private Groups  
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7. Personal Income tax  
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8. Canons of the Taxations  
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9. Effects of Public Debt

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10. Wagner's Law  
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11. Progressive Taxation  
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12. Types of Budget  
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13. Productive Debts – Unproductive Debts  
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SECTION-C

Answer all the following questions.

10x2=20M

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14. Sinking Fund  
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15. Indirect Tax  
□□□□□□ □□□□□□
16. Private Finance  
□□□□□□□□ □□□□□□□
17. Mixed Economy  
□□□□□□□ □□□□□□ □□□□□□□□
18. Black Money  
□□□□ □□□□
19. Value Added Tax  
□□□□□ □□□□□□□ □□□□□□
20. Zero Based Budget  
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21. Escheats  
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22. Deficit Budget  
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23. Tax Holiday  
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P.R. Government College (Autonomous), Kakinada  
III Year B.A. Degree Examinations  
VI Semester-End-Examinations, Model Paper  
ECONOMICS – VIII B  
INTERNATIONAL ECONOMICS  
English & Telugu medium

Max. Marks: 70

SECTION-A

Answer any THREE of the following questions. 3x10=30M

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1. Explain the theory of comparative advantage as propounded by Ricardo.  
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2. "Trade is an engine of growth" Explain?  
"□□□□□□□□ □□□□□□ □□□□□□ □□□□ □□□□□□"  
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3. Discuss the measures adopted to correct adverse balance of payments.  
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4. Define internal trade and international trade and their differences?  
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5. Explain the trends in the composition of India's foreign trade since 1991.  
1991 □□□□ □□□□ □□□□ □□□□□□ □□□□□□□□□□ □□□□□□□□  
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SECTION-B

Answer any FIVE of the following questions. 5x4=20M

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6. Heckscher-Ohlin theory of International Trade  
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7. Terms of Trade  
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8. Free Trade  
□□□□□□□□ □□□□□□□□
9. Cause of disequilibrium in balance of payment  
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10. Functions of WTO  
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11. Concept of Outsourcing  
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12. Balance of Trade – Balance of Payments  
□□□□□□□ □□□□ – □□□□□□□ □□□□□□□□□□ □□□□□
13. Functions of World Bank  
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SECTION-C

Answer all the following questions.

10x2=20M

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14. Exim Bank  
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15. Privatization  
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16. IMF  
□□□□□□□□□□ □□□□□□□ □□□□
17. Quotas  
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18. Tariffs  
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19. Globalization  
□□□□□□□□□□
20. Export Promotion  
□□□□□□□ □□□□□□□□□□
21. Absolute Advantage  
□□□□□□□□ □□□□□□□□
22. Exchange Banks  
□□□□□□□ □□□□□□□
23. Need for Foreign Capital  
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P.R. Government College (Autonomous), Kakinada  
III Year B.A. Degree Examinations  
VI Semester-End-Examinations, Model Paper  
ECONOMICS – VII  
MATHEMETICS AND STATASTICS FOR ECONOMICS  
English & Telugu medium

Max. Marks: 70

Time: 3 Hours

SECTION-A

Answer any THREE of the following questions.

3x10=30M

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1. Distinguish between variables, functions and equations with suitable examples.  
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2. Write an essay on diagrammatic and graphic presentation.  
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3. If  $A = \begin{bmatrix} 1 & -2 & 4 \\ 3 & 0 & 1 \\ 4 & -1 & -2 \end{bmatrix}$   $B = \begin{bmatrix} 4 & -2 & 3 \\ -4 & 0 & 0 \\ 0 & 1 & -1 \end{bmatrix}$   $C = \begin{bmatrix} 3 & -2 & 4 \\ 0 & 1 & 2 \\ 4 & -1 & 0 \end{bmatrix}$  Show that

$A(B+C) = AB + AC$

If  $A = \begin{bmatrix} 1 & -2 & 4 \\ 3 & 0 & 1 \\ 4 & -1 & -2 \end{bmatrix}$   $B = \begin{bmatrix} 4 & -2 & 3 \\ -4 & 0 & 0 \\ 0 & 1 & -1 \end{bmatrix}$   $C = \begin{bmatrix} 3 & -2 & 4 \\ 0 & 1 & 2 \\ 4 & -1 & 0 \end{bmatrix}$  □□□□□

$A(B+C) = AB + AC$  □□□ □□□□□□.

4. Calculate Mean, Median Mode from the following data.

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Weight in Lbs □□□□□ (□□□□□□□□□)	100-110	110-120	120-130	130-140	140-150	150-160	160-170	170-180
No. of Students □□□□□□□□□□□□□□ □□□□□□	4	6	20	32	33	17	8	2

5. Calculate Standard Deviation from the following data.

□□□□□□□□ □□□□□□□□□□□□ □□□□□□□□ □□□□□□□□□□  
□□□□□□□□□□

Marks □□□□□□□□	No. of Students □□□□□□□□□□□□ □□□□□
0-10	5
10-20	12
20-30	30
30-40	45
40-50	50
50-60	37
60-70	21

SECTION-B

Answer any FIVE of the following questions.

5x4=20M

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6. Histogram

□□□□□□□□□□□□ (□□□□□ □□□□)

7. Compute Geometric mean from the following.

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20. Weighted Arithmetic mean  
□□□□ □□ □□□□□□
21. Primary Data  
□□□□□□□ □□□□□□□□
22. Secondary Data  
(□□□) □□□□□□ □□□□□□□□
23. Pie Chart  
□□ (□□□□□) □□□□

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**P.R.GOV.T.COLLEGE (A), KAKINADA**  
**III BA SEMESTER 5**  
**MODEL QUESTION PAPER**  
**COURSE CODE: 5104 B FINANCIAL MARKETS (ELECTIVE-2)**  
**English & Telugu medium**

**Time: 3 Hrs.**

**Max.Marks: 70**

**SECTION-A**

**Answer ALL the questions**

**3x10M= 30**

- 1. What is meant by Money Market? Explain its importance in the Economics System.**
- 2. Explain various functions of Commercial Banks.**
- 3. Define Cheque. What are the main features and uses of Cheque.**
- 4. Mention the defects of Money market in India, Explain remedies.**
- 5. Explain the functions of Central Bank.**

**SECTION-B**

**Answer any FIVE of the following**

**5x4M=20**

- 5 . Main Functions of Money Market**
- 6. Submarkets-Main features**
- 7.Call Money Market**
- 8. Filling of Cheque-Precautions**
- 9. Bill-Types**
- 10. Difference between Cheque and Draft**
- 11. Unorganized Money Market**
- 12. New Bill Market Scheme**

**SECTION-C**

**Answer ALL the following in one or two sentences**

**10x2M=20**

13. Capital Market
14. Central Bank
15. Promissory Note
16. Organized Money Market
17. Bill Market
18. Money Market
19. Hundi
20. Bank Draft
21. Indigenous Banks
22. Letter of Credit

**P.R.GOV.T.COLLEGE (A), KAKINADA  
III BA SEMESTER 5  
MODEL QUESTION PAPER**

**COURSE CODE: 5104A ENVIRONMENTAL ECONOMICS  
English & Telugu medium**

**Time: 3 Hrs.**

**Max.Marks: 70**

**SECTION-A**

Answer **ALL** the questions

**3x10M= 30**

1. Explain the Role of Environment and Economic Development.
2. Explain the importance of Economic Valuation of Environment.
3. Critically examine Total Economic Valuation (TEV) method of Environmental valuation.
4. Explain the Contingent Valuation method of Environmental Valuation.
5. Explain the components of Ecology.

**SECTION-B**

Answer any **Five** of the following

**5x4M=20**

6. Causes and Consequences of Air Pollution
7. Property Right and Environmental Goods
8. Externalities and Market Failure
9. Energy Sources
10. Social Forestry
11. Explain the Measures to Control Environmental Degradation

**12. Explain various pollutants which cause Environmental Degradation**

**13. National Forest Policy, 2000**

**SECTION-C**

**Answer ALL the following in one or two sentences**

**10x2M=20**

**14. Environment**

**15. Deforestation**

**16. Economic Sustainability**

**17. Ecology**

**18. Ozone Layer**

**19. Greenhouse Gases**

**20. Social Sustainability**

**21. Property Rights**

**22. Soil Erosion**

**23. Food Chain**