

**P.R.GOV'T. COLLEGE  
(AUTONOMOUS)  
KAKINADA**



**Pithapur Rajah's Govt College**  
An Autonomous College with Potential for Excellence

**DEPARTMENT OF ECONOMICS  
BOARD OF STUDIES MEETING  
11<sup>th</sup> APRIL, 2017**

**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA  
DEPARTMENT OF ECONOMICS**

**Constitution of the Board of Studies for the year 2017 – 2018**

The Board of Studies in Economics has been constituted with the following members for the period of 2017 – 18.

- |    |   |                    |
|----|---|--------------------|
| 1. | Sri V.Chitti Babu<br>Incharge of the Department<br>P.R.Govt.College (A) Kakinada                                    | Chairman           |
| 2. | Dr.K.Radha Pushpavathi<br>Reader in Economics<br>S.K.S.D. Mahila Kalashala(A), Tanuku                               | University Nominee |
| 3. | Dr.K.Subhashini<br>Lecturer in Economics<br>P.R.Govt.College (A), Kakinada  | Member             |
| 4. | Dr G. Venakata Rao<br>Lecturer in Economics (Retd)<br>P.R.Govt.College (A), Kakinada                                | Member             |
| 5. | Capt M Sree Ramulu<br>Lecturer in Economics<br>ASD Govt. Degree College for Women, kakinada                         | Member (External)  |
| 6. | Dr.G. Steeven Raju<br>Head of the department<br>Department of Economics<br>Ideal Arts and Science College, Kakinada | Member (External)  |
| 7. | D. Suneel Kumar<br>IInd B.A. (H.E.P.) (T.M.)<br>P.R.Govt.College (A), Kakinada                                      | Student Member     |

**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA**  
**DEPARTMENT OF ECONOMICS**

**AGENDA FOR THE BOARD OF STUDIES MEETING 2017 – 2018**

1. New syllabus for the Semesters
2. Model question papers and Blue Print
3. Methodologies of Teaching – Learning
4. Additional inputs into the curriculum
5. Internal Assessment Component
6. Minimum mark in Internal Assessment
7. Introduction of Grades/Grade Point Average
8. Choice Based Credit System for I,II and III students
9. Other academic activities of the Department
10. Any other proposal with the permission of the Chair.

**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA**  
**DEPARTMENT OF ECONOMICS**

**AGENDA FOR THE BOARD OF STUDIES MEETING 2017 – 2018**

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## Course and Scheme of Examination Pattern

As per orders of the commissioner of collegiate education, Hyderabad, P.R.Government College (Autonomous), Kakinada has resolved to adopt the "Choice Based Credit System" (CBCS) from the academic year 2014 – 15 after detailed discussion in the staff meeting on 29-4-2014 and 03-05-2014. this new system i.e. CBCS would be applicable only to 2014 – 15 admitted batch students, i.e. it comes into force from the Academic year 2014 – 15. The entire B.A. Programme consists HEP-EM & TM, EEP, THP and HE Phil groups. The courses, number of credits and total number of credits have shown in the table form (see table)

Therefore, the department of Economics, P.R.Govt. College (Autonomous), Kakinada has resolved to adopt the Choice Based Credit System, from this Academic Year i.e. 2014 – 2015. This system applicable to the 2014 – 15 admitted batch students only. The second and third year students would follow the old pattern of subjects and examination system but the syllabus may vary. The semesters, course code, course title, allocated hours, total marks and allocated credits have shown in the table (see table)

### Course pattern

From the 1<sup>st</sup> Semester to 4<sup>th</sup> semester there are four papers entitle Micro Economics – I , Micro Economics – II, Macro Economics – I, Macro Economics – II. Each course has 6 hours per week and carries 4 credits each. For 5<sup>th</sup> Semester 6<sup>th</sup> Semester the Department of Economics offering choice to the students to select the course. In the 5<sup>th</sup> semester one compulsory course i.e. 'Indian Economy' which the student must study this course. And there are two elective courses (knowledge based) 1. 'Environmental' Economics; 2. 'Financial Markets'. The student would choose one of the above elective courses which carries 3 credits having 5 hours per week, of 3 hours instructional and 2 hours tutorials. In the 6<sup>th</sup> semester there are one compulsory course title 'Mathematics and Statistics for Economics' which must be studied by the student carries 4 credits having 5 hours per week. And there are two elective courses (skill based) titled 1. Public Economics 2. International Economics. The student may choose any one of the two electives which carries 3 credits having 5 hours per week in which 3 hours for instruction 2 hour for tutorial.

Besides subject elective courses, the Department of Economics has been offering one general elective in the 4<sup>th</sup> semester for other from B.A. Programme students entitled

1. Theory of Cooperative Credit System.
2. Theory of Banking.

Any student, even other than B.A. Programme may choose any one of the above General Elective Courses carries 2 credits and having 3 hours per week.

The Department of Economics decided to offer one project work in the 5<sup>th</sup> Semester which carries 2 credits and 2 hours per week. Any final year B.A. Programme student can choose the project and the title and pattern will be decided by the department.

The department of economics has also decided to offer add on course on “Rural Development” in two semesters with two papers Paper – I and Paper – II each paper has 1 credit, total credits 2 only and 2 hours per week.

#### **CHANGES (W.e.f. 2017-18 admitted batch)**

1. We resolved to change compulsory paper i.e., Mathematics and Statistics for Economics as optional paper in the V Semester.
2. Indian Economy paper divided into Indian Economy-I and Indian Economy-II as compulsory papers in V and VI<sup>th</sup> Semesters.
3. International Economics deleted as an optional paper and included it in Macro Economics in VI<sup>th</sup> Semester.
4. Instead of International Economics, “Economic Development and Growth” as optional paper in VI<sup>th</sup> Semester.
5. Mathematics and Statistics for Economics and Financial Markets set as Optional Papers in V<sup>th</sup> Semester.
6. Environmental Economics and Economic Development and Growth set as Optional papers in VI<sup>th</sup> Semester.
7. Syllabus for Ist and IInd Semesters (Micro Economics I and Micro Economics II) III<sup>rd</sup> and IV<sup>th</sup> Semesters (Macro Economics I and Macro Economics II) and also question papers changed according to Adhikavi Nanayya University, Rajamahendravaram.
8. Assessment of Ist and IInd semesters changed from 40&60 to 30&70.

## ASSESSMENT PATTERN

Each course carries 100 marks of 30 marks in the form of internal assessment and the remaining 70 marks are in the form of external assessment as it has shown in the table. But the project work has no two components as in the case of above courses. The project work has carries 50 marks in which 20 marks for viva.

3<sup>rd</sup> 4<sup>th</sup> and 5<sup>th</sup> 6<sup>th</sup> semester assessment system remains as usual for 2017-2018 and 2018-2019 2<sup>nd</sup> and 3<sup>rd</sup> year students

- ❖ Assessment of 1<sup>st</sup> sem & 2<sup>nd</sup> sem changed from 30&70 to 40&60 (2017-18 admitted batch) as per the instructions given by AP Commissioner of collegiate education

## QUESTION PAPER MODEL

Each question paper has 3 parts namely A,B,C. Part 'A' consists of 5 essay questions with choice 3 out of 5, each question carries 10 marks. Part 'B' consists of short answer questions the student should write 5 out of 8 questions, each question carries 4 marks. Part 'C' consists of very short answer questions, student should answer all the given 10 questions, each question carries 2 marks only. The duration of the examination is 3 hours. The syllabus and model question papers have shown separately.

The following members of Board of Studies in Economics were attended the meeting at 10.30 a.m. on 12-05-2014 in department of Economics room discussed and approved the above presented Choice Based Credit System, Course model, scheme of examination. They have also approved the syllabus and Model question papers.

- ❖ Question paper model has been changed for 2017-18 admitted batch i.e., 1<sup>st</sup> and 2<sup>nd</sup> semesters according to Adhikavi Nannaya University model.
- ❖ The Question paper has two parts A & B. Part A consists 8 questions and each question carries 5 marks. Student has to choose 5 questions out of 8.
- ❖ Part B consists 3 questions of internal model (A or B) and each question carries 15 marks.

## Resolutions

The following members of Board of Studies in Economics were attended meeting at 10.30 on 11-04-2017 in Dept. of Economics , discussed and approved the above system of examination pattern, the following syllabus and model question papers.

### ❖ Resolution -1

Resolved to adopt the syllabus for the first year, second year and third year BA and B.Com, B.Sc (AS) courses.

### ❖ Resolution-2

Resolved to adopt the model question papers for first year, second year and third year BA and B.Com, B.Sc (AS) courses.

### ❖ Resolution-3

Resolved to adopt blue print for the model paper and choice.

### Signatures

1. Sri V.Chitti Babu (Chairman)
2. Dr.K.Radha Pushpavathi (University Nominee)
3. Dr.K.Subhashini (Member)
4. Dr. G. Venkata Rao (Member)
5. Capt. M. Sree Ramulu (Member)(External)
6. Dr.G. Steeven Raju (Member) (External)
7. D. Suneel Kumar (Student Member)

**DEPARTMENT OF ECONOMICS**  
**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA**  
**ALLOCATION OF CREDITS AT B.A. COURSE LEVEL**

S. No.	Semester	Course Code	Course Title	Hours per week	Max Marks			Credits
					Mid	Sem End	Total	
1.	I	1102	Core I: Micro Economics -1	6	40	60	100	4
2.	II	2102	Core II: Micro Economics -2	6	40	60	100	4
3.	III	3102	Core III: Macro Economics -1	6	30	70	100	4
4.	IV	4102	Core IV: Macro Economics -2	6	30	70	100	4
5.	V	5154	Core V (Adv.): Indian Economy	5	30	70	100	4
6.		5126	Ele. I (Adv. Knowledge based): Environmental Economics	5	30	70	100	3
7.		5125	Ele.II (Adv. Knowledge based):Financial Markets	5	30	70	100	3
8.	VI	6124	Core VI (Skill):Mathematics and Statistics for Economics	5	30	70	100	4
9.		6126	Ele. III (Skill):Public Economics	5	30	70	100	3
10.		6125	Ele. VI (Skill):International Economics	5	30	70	100	3
11.	V		Project Work	2	#	#	50	2

**Changes with effect from 2019-20.fro Final B.A. course.**

Vth sem           Core V (Adv.): Indian Economy-1  
Elective I: Mathematics and Statistics for Economics  
Elective II: Financial Markets.

VIth sem         Core VI (Skill): Indian Economy-II  
Elective III: Environmental Economics  
Elective IV: Economic Development and Growth.

❖ Foundation courses added from 1<sup>st</sup> sem to 6<sup>th</sup> sem according to guidelines issued by the Andhra Pradesh State Council for Higher Education

**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.Chrystal - "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), Per capita 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. Telugu Academy 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 nature 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 Quantity theory of Money, Cambridge Approach  
(Marshall, Pigou, Robertson 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"

**P.R.GOV.T.COLLEGE (AUTONOMOUS) KAKINADA**

**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. In order 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, Elasticities, 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.

## BLUE PRINT FOR THE QUESTION PAPER SETTER

### PAPER: MICRO ECONOMICS I

UNIT NO. AND CHAPTER NAME	ESSAY QUESTIONS 10 MARKS	SHORT QUESTIONS 5 MARKS	MARKS ALLOTTED TO EACH CHAPTER
1. INTRODUCTION	01	02	20
2. CONSUMER BEHAVIOUR	03	02	40
3. THEORY OF PRODUCTION	03	04	50
4. COST AND REVENUE ANALYSIS	03	04	50
TOTAL NO. OF QUESTIONS	10	12	22
TOTAL MARKS INCLUDING CHOICE			160

## BLUE PRINT FOR THE QUESTION PAPER SETTER

### PAPER: MICRO ECONOMICS II

UNIT NO. AND CHAPTER NAME	ESSAY QUESTIONS 10 MARKS	SHORT QUESTIONS 5 MARKS	MARKS ALLOTTED TO EACH CHAPTER
1. MODULE I	02	03	35
2. MODULE II	02	03	35
3. MODULE III	02	03	35
4. MODULE IV	02	03	35
5. MODULE V	02	03	35
TOTAL NO. OF QUESTIONS	10	15	25
TOTAL MARKS INCLUDING CHOICE			175

**BLUE PRINT FOR THE QUESTION PAPER SETTER**  
**PAPER: MACRO ECONOMICS I**

UNIT NO. AND CHAPTER NAME	ESSAY QUESTIONS 10 MARKS	SHORT QUESTIONS 5 MARKS	VERY SHORT QUESTIONS 2 MARKS	MARKS ALLOTTED TO EACH CHAPTER
1. MODULE 1	03	03	05	55
2. MODULE II	02	03	05	45
3. MODULE III	03	03	05	55
4. MODULE IV	02	03	05	45
TOTAL NO. OF QUESTIONS	10	12	20	42
TOTAL MARKS INCLUDING CHOICE				200

**BLUE PRINT FOR THE QUESTION PAPER SETTER**  
**PAPER: MACRO ECONOMICS II**

UNIT NO. AND CHAPTER NAME	ESSAY QUESTIONS 10 MARKS	SHORT QUESTIONS 5 MARKS	VERY SHORT QUESTIONS 2 MARKS	MARKS ALLOTTED TO EACH CHAPTER
1. UNIT 1	02	03	05	45
2. UNIT II	02	03	05	45
3. UNIT III	02	03	05	45
4. UNIT IV	03	03	05	55
TOTAL NO. OF QUESTIONS	09	12	20	41
TOTAL MARKS INCLUDING CHOICE				190

**BLUE PRINT FOR THE QUESTION PAPER SETTER**  
**PAPER: INDIAN ECONOMY**

UNIT NO. AND CHAPTER NAME	ESSAY QUESTIONS 10 MARKS	SHORT QUESTIONS 5 MARKS	VERY SHORT QUESTIONS 2 MARKS	MARKS ALLOTTED TO EACH CHAPTER
1. UNIT I	00	03	05	25
2. UNIT II	05	04	05	80
3. UNIT III	03	04	05	45
4. UNIT IV	03	04	05	45
5. UNIT V	02	02	05	40
TOTAL NO. OF QUESTIONS	13	17	25	55
TOTAL MARKS INCLUDING CHOICE				235

**BLUE PRINT FOR THE QUESTION PAPER SETTER**  
**PAPER: MATHEMATICS AND STATISTICS FOR**  
**ECONOMICS**

UNIT NO. AND CHAPTER NAME	ESSAY QUESTIONS 10 MARKS	SHORT QUESTIONS 5 MARKS	VERY SHORT QUESTIONS 2 MARKS	MARKS ALLOTTED TO EACH CHAPTER
1. UNIT I	01	02	02	24
2. UNIT II	02	03	03	41
3. UNIT III	03	03	06	57
4. UNIT IV	05	03	07	79
TOTAL NO. OF QUESTIONS	11	11	18	40
TOTAL MARKS INCLUDING CHOICE				241

**BLUE PRINT FOR THE QUESTION PAPER SETTER**  
**PAPER: PUBLIC ECONOMICS**

UNIT NO. AND CHAPTER NAME	ESSAY QUESTIONS 10 MARKS	SHORT QUESTIONS 5 MARKS	VERY SHORT QUESTIONS 2 MARKS	MARKS ALLOTTED TO EACH CHAPTER
1. UNIT 1	02	03	05	45
2. UNIT II	02	03	05	45
3. UNIT III	03	03	05	55
4. UNIT IV	02	03	05	45
TOTAL NO. OF QUESTIONS	09	12	20	41
TOTAL MARKS INCLUDING CHOICE				190

**BLUE PRINT FOR THE QUESTION PAPER SETTER**  
**PAPER: INTERNATIONAL ECONOMICS**

UNIT NO. AND CHAPTER NAME	ESSAY QUESTIONS 10 MARKS	SHORT QUESTIONS 5 MARKS	VERY SHORT QUESTIONS 2 MARKS	MARKS ALLOTTED TO EACH CHAPTER
1. UNIT 1	03	03	05	55
2. UNIT II	03	03	05	55
3. UNIT III	04	03	05	65
4. UNIT IV	03	03	05	55
TOTAL NO. OF QUESTIONS	13	12	20	45
TOTAL MARKS INCLUDING CHOICE				230

**BLUE PRINT FOR THE QUESTION PAPER SETTER**  
**PAPER: ENVIRONMENTAL ECONOMICS**

UNIT NO. AND CHAPTER NAME	ESSAY QUESTIONS 10 MARKS	SHORT QUESTIONS 5 MARKS	VERY SHORT QUESTIONS 2 MARKS	MARKS ALLOTTED TO EACH CHAPTER
1. UNIT I	01	02	03	26
2. UNIT II	01	02	02	24
3. UNIT III	02	02	03	36
4. UNIT IV	01	02	02	34
TOTAL NO. OF QUESTIONS	05	08	10	
TOTAL MARKS INCLUDING CHOICE				120

**BLUE PRINT FOR THE QUESTION PAPER SETTER**  
**PAPER: FINANCIAL MARKETS**

UNIT NO. AND CHAPTER NAME	ESSAY QUESTIONS 10 MARKS	SHORT QUESTIONS 5 MARKS	VERY SHORT QUESTIONS 2 MARKS	MARKS ALLOTTED TO EACH CHAPTER
1. ROLE OF FINANCIAL MARKETS IN ECONOMY	01	02	02	24
2. CAPITAL FORMATION AND CREDIT	02	02	02	34
3. MONEY MARKET IN INDIAN ECONOMY	01	02	03	36
4. STOCK MARKETS	01	02	03	26
TOTAL NO. OF QUESTIONS	05	08	10	120
TOTAL MARKS INCLUDING CHOICE				

**BLUE PRINT FOR THE QUESTION PAPER SETTER 215-16**

**PAPER - PRINCIPLES OF ECONOMICS (FOR B.Sc ACTUARIAL SCIENCE)**

<b>CHAPTER NAME</b>	<b>ESSAY QUESTIONS 10 MARKS</b>	<b>SHORT QUESTIONS 05 MARKS</b>	<b>VERY SHORT QUESTIONS 02 MARKS</b>	<b>MARKS ALLOTTED TO CHAPTER</b>
<b>I. Introduction to Economics</b>	<b>01</b>		<b>02</b>	<b>14</b>
<b>II. Consumer Behaviour</b>	<b>02</b>		<b>02</b>	<b>24</b>
<b>III. Features of various markets</b>	<b>01</b>	<b>02</b>	<b>02</b>	<b>24</b>
<b>IV. Cost – Benefit analysis</b>		<b>02</b>	<b>02</b>	<b>14</b>
<b>V. National Income and Social Accounts</b>		<b>04</b>	<b>02</b>	<b>34</b>
<b>VI. Trade cycles</b>	<b>01</b>			<b>10</b>
<b>TOTAL MARKS INCLUDING CHOICE</b>	<b>05</b>	<b>08</b>	<b>10</b>	<b>120</b>

**P.R. Government College (Autonomous), Kalknada**  
**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**

**5x5=25**

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**

**3x15=45**

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**  
**I Year B.A. Degree Examinations**  
**II Semester-End-Examinations, Model Paper**  
**MICRO ECONOMICS - II**  
**English & Telugu medium**

**Time: 3 hrs**

**Max.Marks:60**

**SECTION - A**

**Answer any Five Questions**

**5x5=25**

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**

**3x15=45**

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?

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

Max. Marks: 70

Time: 3 Hours

**SECTION-A**

Answer any THREE of the following questions.

3x10=30M

క్రింది ప్రశ్నలలో ఏవేని మూడింటికి సమాధానములు వ్రాయుము.

1. Distinguish between Micro and Macro Economics and explain the importance of Macro Economics?  
సూక్ష్మ, స్థూల అర్థశాస్త్రముల మధ్య తేడాలు ఏర్పోని, స్థూల అర్థశాస్త్రము యొక్క ప్రాధాన్యత వివరింపుము?
2. Explain the various method of measuring National Income?  
జాతీయాదాయ మదింపు పద్ధతులను వివరింపుము?
3. Explain the J.M. Keynesian concept of under - employment equilibrium?  
జె.యం. కీన్స్ యొక్క అల్ప సంపుష్టోద్ద్యోగితా సమతుల్యమును వివరింపుము?
4. Critically examine the classical theory of employment?  
సాంప్రదాయ ఉద్యోగితా సిద్ధాంతాన్ని విమర్శనాత్మకంగా పరిశీలించండి?
5. Analyze the subjective and objective factors of consumption function?  
వినియోగ ప్రవృత్తిని నిర్ణయించే ఆత్మాశ్రయ పరాశ్రయ అంశాలను వివరింపుము?

**SECTION-B**

Answer any Five of the following questions.

5x4=20M

క్రింది ప్రశ్నలలో ఏవేని 5 సమాధానములు వ్రాయుము

6. Problems of computing National Income.  
జాతీయాదాయాన్ని లెక్కించుటలో ఇబ్బందులు
7. Assumptions of classical theory of employment.  
సాంప్రదాయ ఉద్యోగితా సిద్ధాంతం యొక్క ప్రమేయాలు
8. Macro economics Paradoxes.  
స్థూల ఆర్థశాస్త్ర వైపరీత్యాలు
9. The concept of Multiplier.

గుణక బావన

10. Effective demand.  
సార్వక డిమాండ్
11. Pigou wage- cut theory.  
పిగూ వేతనాల కోత సిద్ధాంతం
12. The concept of accelerator  
వేగత్వరణ బావన
13. Demonstration effect.  
ప్రదర్శనా బావన

SECTION-C

10x2=20M

Answer all the following questions.

క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము

14. Net National Product  
నికర జాతీయోత్పత్తి
15. Disposable Income  
వ్యయార్హ ఆదాయం
16. M P C  
ఉపాంత వినియోగ ప్రవృత్తి
17. Propensity to save.  
చొదుపు ప్రవృత్తి
18. Rate of Interest.  
వడ్డీ రేటు
19. Autonomous Investment.  
స్వయం ప్రేరిత పెట్టుబడి
20. C. S. O.  
కేంద్ర గణాంక సంస్థ
21. Employment Multiplier.  
ఉద్యోగితా గుణకం
22. Full employment  
సంపూర్ణోద్యోగితా
23. Price Theory.  
దరల సిద్ధాంతం

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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**

Time: 3 Hours

Max. Marks: 70

**SECTION-A**

Answer any **THREE** of the following questions.

**3x10=30M**

క్రింది ప్రశ్నలలో ఏవేని మూడింటికి సమాధానములు వ్రాయుము.

1. Define "Money" and explain the functions of Money?  
ద్రవ్యం ను నిర్వచించి ద్రవ్యం యొక్క విధులను వివరింపుము?
2. Critically Explain Fisher's quantity theory of Money?  
ఫిషర్ ద్రవ్యరాశి సిద్ధాంతాన్ని విమర్శనాత్మకంగా వివరింపుము?
3. Define "Inflation" and explain the theories of Inflation?  
ద్రవ్యోల్బణము ను నిర్వచించి, ద్రవ్యోల్బణ సిద్ధాంతములను వివరింపుము?
4. What are the features of trade Cycle and Explain phases of trade cycles?  
వ్యాపార దశల లక్షణాలు తెలిపి వానిలోని వివిధ దశలను వివరింపుము?
5. Explain the functions of Reserve Bank of India?  
భారత రిజర్వ్ బాంకు విధులను వివరింపుము?

**SECTION-B**

Answer any **Five** of the following questions.

**5x4=20M**

క్రింది ప్రశ్నలలో ఏవేని 5 సమాధానములు వ్రాయుము

6. RBI Supply of Money  
రిజర్వ్ బాంకు ద్రవ్య సప్లై
7. Types of Inflation  
ద్రవ్యోల్బణం రకాలు
8. Functions of Commercial Banks  
వాణిజ్య బాంకు విధులు
9. NBFC  
బాంకింగ్ తర ద్రవ్య సంస్థలు

10. Functions of SEBI  
SEBI విధులు

11. Type of Insurance  
భీమా రకాలు

12. Grasham's Law  
గ్రేషమ్ సూత్రం

13. Qualitative Credit control Measures  
గుణాత్మక పరపతి నియంత్ర సాధనాలు

### SECTION-C

Answer all the following questions.

10x2=20M

క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము

14. Money Veil  
ద్రవ్యం ముసుగు

15. Near Money  
దగ్గర ద్రవ్యం

16. D. Subbarao  
డి. సుబ్బారావు

17. Debentures  
డిబెంచర్లు

18. Shares  
వాటాలు

19. Bank Rate  
బాంకు రేటు

20. CRR  
సి.ఆర్.ఆర్

21. Stock Market  
స్టాక్ మార్కెట్

22. Open Economy  
బహిరంగ ఆర్థిక వ్యవస్థ

23. Inflationary Gapes  
ద్రవ్యోల్పాద విరామం

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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

Time: 3 Hours

Max. Marks: 70

SECTION-A

Answer any THREE of the following questions.

3x10=30M

క్రీందీ ప్రశ్నలలో ఏవేని మూడింటికి సమాధానములు వ్రాయుము.

1. What is Economics Development? Explain how it is measured?  
ఆర్థికాభివృద్ధి అనగానేమి? దానిని ఏవిధంగా కొలుస్తారు?
2. What are the basic features of Indian Economy?  
భారత దేశ ఆర్థిక వ్యవస్థ మౌళిక లక్షణాలేవి?
3. Write an essay on Liberalization, Privatization and Globalization.  
సంరళకరణ, ప్రైవేటీకరణ, భౌగోళికరణలను గురించి ఒక వ్యాసం వ్రాయండి.
4. Explain the importance of Agriculture in Indian Economy.  
భారత ఆర్థిక వ్యవస్థలో వ్యవసాయరంగ ప్రాధాన్యతను వివరించండి.
5. What are the salient features of 1991 Industrial Policy?  
1991 పారిశ్రామిక విధాన ముఖ్యాంశాలేవి?

SECTION-B

Answer any Five of the following questions.

5x4=20M

క్రీందీ ప్రశ్నలలో ఏవేని 5 సమాధానములు వ్రాయుము

6. Physical Quality of Life Index.  
భౌతికనాణ్యతా జీవన ప్రమాణసూచిక
7. Sex Composition of Population  
భారతదేశంలో జనాభా స్త్రీ పురుష నిష్పత్తి
8. New Economic Reforms  
నూతన ఆర్థిక సంస్కరణలు
9. Agricultural Price Policy

వ్యవసాయ దరల విధానం

10. Food Security  
ఆహార భద్రత

11. Problems of Micro, Small and Medium Enterprises  
సూక్ష్మ, చిన్న మరియు మధ్యతరహా పరిశ్రమల సమస్యలు

12. Poverty Line  
పేదరికపు రేఖ

13. Information Technology in Andhra Pradesh  
ఆంధ్రప్రదేశ్ లో సమాచార, సాంకేతిక పరిజ్ఞానం

### SECTION-C

Answer all the following questions.

క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము

10x2=20M

14. Human Development Index  
మానవ అభివృద్ధి సూచిక

15. Sustainable Development  
కొనసాగించదగల అభివృద్ధి

16. Demographic Dividend  
జనాభా లాభదాయకత

17. Crop Insurance  
పంటల భీమా

18. Self Help Groups  
స్వయం సహాయక సంఘాలు

19. Disguised Unemployment  
ప్రచ్ఛన్న నిరుద్యోగిత

20. Special Economic Zones  
ప్రత్యేక ఆర్థిక మండలులు

21. Privatization  
ప్రైవేటీకరణ

22. 11<sup>th</sup> Five Year Plan  
11వ పంచవర్ష ప్రణాళిక

23. Drain Theory  
డ్రైన్ సిద్ధాంతం

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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

క్రీందీ ప్రశ్నలలో ఏవేని మూడింటికి సమాధానములు వ్రాయుము.

1. Explain the Meaning, Scope and Importance of Public finance?  
ప్రభుత్వ విత్తకాస్త్రం అర్థము, పరిధి మరియు ప్రాముఖ్యతలను గూర్చి వివరించుము?
2. Explain the principal of Maximum Social Advantage?  
గరస్థ సాంఘిక ప్రయోజన సూత్రంను వివరించుము?
3. What are the main sources of Public Revenue?  
ప్రభుత్వం యొక్క ప్రధాన ఆదాయ మార్గములు ఏమిటి?
4. Explain the Merits and Demerits of the Direct Access?  
ప్రత్యక్ష పన్నుల యొక్క లాభ నష్టాలను వివరించుము?
5. Explain the various methods of Debit Redemption?  
వివిధ ఋణ విమోచన పద్ధతులను వివరించుము?

SECTION-B

Answer any FIVE of the following questions.

5x4=20M

క్రీందీ ప్రశ్నలలో ఏవేని 5 వ సమాధానములు వ్రాయుము.

6. Public Groups and Private Groups  
ప్రభుత్వ వస్తువులు మరియు ప్రైవేటు వస్తువులు
7. Personal Income tax  
వ్యక్తిగత ఆదాయ పన్ను
8. Canons of the Taxations  
పన్ను నియమాలు
9. Effects of Public Debt  
ప్రభుత్వ ఋణ ప్రభావాలు
10. Wagner's Law

వార్షిక సూత్రం  
11. Progressive Taxation  
పురోగామి పన్ను విధానము

12. Types of Budget  
బడ్జెట్ రకాలు

13. Productive Debts - Unproductive Debts  
ఉత్పాదక ఋణం - అనుత్పాదక ఋణం

### SECTION-C

Answer all the following questions.

10x2=20M

క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము

14. Sinking Fund  
ఋణ విమోచన నిధి

15. Indirect Tax  
పరోక్ష పన్ను

16. Private Finance  
ప్రైవేటు విత్తం

17. Mixed Economy  
మిశ్రమ ఆర్థిక వ్యవస్థ

18. Black Money  
నల్ల ధనం

19. Value Added Tax  
విలువ ఆధారిత పన్ను

20. Zero Based Budget  
శూన్య ఆధారిత బడ్జెట్

21. Escheats  
ఎచ్చీట్స్

22. Deficit Budget  
లోటు బడ్జెట్

23. Tax Holiday  
పన్ను విరామం

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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

Time: 3 Hours

Max. Marks: 70

SECTION-A

Answer any THREE of the following questions.

3x10=30M

క్రింద ప్రశ్నలలో ఏవేని మూడంటికి సమాధానములు వ్రాయుము.

1. Explain the theory of comparative coasts advantage as propounded by Recardo.  
రికార్డో ప్రతిపాదించిన తులనాత్మక వ్యయ ప్రయోజన సిద్ధాంతాన్ని వివరింపుము?
2. "Trade is an engine of growth" Explain?  
"అంతర్జాతీయ వ్యాపారము అభివృద్ధి యొక్క యంత్రము" వివరింపుము?
3. Discuss the measures adapted the correct adverse balance of payments.  
ప్రతికూల విదేశీ వ్యాపార చెల్లింపుల శేషమును సరిచేయుటకు అవలంబించిన చర్యలను చర్చించుము?
4. Define internal trade and international trade and their differences?  
అంతర్గత, అంతర్జాతీయ వ్యాపారములను నిర్వచించి, వాటి మధ్య తేడాలను వివరింపుము?
5. Explain the trends in the composition of India's foreign trades since 1991.  
1991 నుండి భారత విదేశీ వ్యాపార నిర్మాణములోన్ దోరణులను వివరింపుము?

SECTION-B

Answer any FIVE of the following questions.

5x4=20M

క్రింద ప్రశ్నలలో ఏవేని 5 సమాధానములు వ్రాయుము.

6. Huckster-Ohlin theory of International Trade  
హక్స్టర్ - ఒహ్లిన్ అంతర్జాతీయ వ్యాపార సిద్ధాంతం
7. Terms of Trade  
వర్తక నిబంధనలు
8. Free Trade  
స్వేచ్ఛా వ్యాపారం
9. Cause of disequilibrium in balance of payment

విదేశీ వ్యాపార కేషిములేని అసమతుల్యనికే కారణాలు

10. Functions of WTO

ప్రపంచ వాణిజ్య సంస్థ విధులు

11. Concept of Out Sourcing

అవుట్ సోర్సింగ్ భావన

12. Balance of Trade - Balance of Payments

వ్యాపార కేషిం - వ్యాపార చెల్లింపుల కేషిం

13. Functions of World Bank

ప్రపంచ బాంకు విధులు

### SECTION-C

Answer all the following questions.

10x2=20M

కీంద అన్ని ప్రశ్నలకు సమాధానములు వ్రాయము

14. Exim Bank

ఎగ్జిమ్ బ్యాంకు

15. Privatization

ప్రైవేటీకరణ

16. IMF

అంతర్జాతీయ ద్రవ్య నిధి

17. Quotas

కోటాలు

18. Tariffs

సుంకాలు

19. Globalization

ప్రపంచీకరణ

20. Export Promotion

ఎగుమతి ప్రోత్సాహం

21. Absolute Advantage

నిరపేక్ష ప్రయోజనం

22. Exchange Banks

మారకపు బాంకులు

23. Need for Foreign Capital

విదేశీ మూలధన అవసరకర

P.R. Government College (Autonomous), Kakinada  
 III Year B.A. Degree Examinations  
 VI Semester-End-Examinations, Model Paper  
 ECONOMICS - VII  
 MATHEMATICS AND STATISTICS FOR ECONOMICS  
 English & Telugu medium

Max. Marks: 70

Time: 3 Hours

SECTION-A

Answer any THREE of the following questions.

3x10=30M

కొద్ది ప్రశ్నలలో ఏవేని మూడింటికి సమాధానములు వ్రాయము.

1. Distinguish between variables, functions and equations with suitable examples.  
 చలనాంకాలు, ప్రమేయాలు మరియు సమీకరణాల మధ్య గల వ్యత్యాసాన్ని కొన్ని ఉదాహరణలతో వివరించండి.

2. Write an essay on diagrammatic and graphic presentation.  
 రేఖా పటములు, చిత్రపటములను గురించి ఒక వ్యాసం వ్రాయండి.

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

$A(B+C) = AB + AC$  అని చూపుము.

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

ఈ క్రింద దత్తాంశమునకు అంక మధ్యమము, మధ్య గతము, బహుళములను కనుగొనుము.

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

5. Calculate Standard Deviation from the following data.

ఈక్రింది దత్తాంశమునకు ప్రామాణిక విచలనమును కనుగొనుము

Marks మార్కులు	No. of Students విద్యార్థుల సంఖ్య
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

క్రింద ప్రశ్నలలో ఏవేని 5 సమాధానములు వ్రాయము.

6. Histogram

హిస్టోగ్రామ్ (నోపాన పటము)

7. Compute Geometric mean from the following.

ఈ క్రింద దత్తాంశమునకు గుణ మధ్యమమును కనుగొనుము

Monthly Income (in Rs.) నెలసరి ఆదాయం (రూ. లలో)	85	70	15	75	500
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8. Quartile Deviation

చతుర్థా శక విచలనము

9. Regression

రిగ్రెషన్ (ప్రతిగమనము)

10. Relationship between AR & MR (Average Revenue and Marginal Revenue)

సగటు రాబడి, ఉపాంత రాబడుల మధ్య సంబంధం

11. Find Harmonic Mean for the following.

ఈ క్రింద దత్తాంశమునకు హార మధ్యమమును కనుగొనుము

2574

475

75

5

0.8

0.08

0.005

0.0009

12. Homogeneous function  
సజాతీయ ఫలము

13. Rank Correlation  
కోటి సహ సంబంధం

### SECTION-C

Answer all the following questions.

10x2=20M

క్రమ అన్ని ప్రశ్నలకు సమాధానములు వ్రాయము

14. Range  
వ్యాప్తి

15. Sets  
సమితులు

16. Mean Deviation  
మధ్యమ విచలనము

17. Bar Diagram  
బార్ పటము

18. Slope of the line  
రేఖ వాలు

19. If Price (P) = Rs. 3.00 find the Quantity of the function  $Q_s - 4P = 3 = 0$   
ధర రూ. 3.00 అయితే  $Q_s - 4P = 3 = 0$  ప్రమేయానికి పరిమాణం కనుగొనుము

20. Weighted Arithmetic mean  
భారిత అంక మధ్యమము

21. Primary Data  
ప్రాథమిక దత్తాంశము

22. Secondary Data  
(గౌణ) ద్వితీయ దత్తాంశము

23. Pie Chart  
పై (వృత్త) పటము

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

Time: 3 Hrs.

Max.Marks: 70

Answer ALL the questions

SECTION-A

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