LESSON PLAN

BA I year

1. Outline learning objective
2. Develop the introduction
3. Plan the main body of the lesson
4. Plan to check for understanding
5. Develop a conclusion and a preview
6. Create realistic timeline

Economics
PAPER - I (paper code - 0111)
(Micro Economics) M.M. 75

UNIT-1

S. No.	Topic	No. of periods needed	Teaching Method	Lesson plan
1.	Definition, nature and scope of economics, methodology in economics	3	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of definition, scope and methodology of economics Questions based on previous knowledge **Synopsis**: 　Introduction 　Classification of definition of economics 　Definition of economics 　Nature of economics 　Scope of economics 　Methodology of economics 　Homework after each class
2.	Utility analysis	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of utility analysis Questions based of previous knowledge **Synopsis**: 　Meaning of utility

				Cardinal and ordinal approach Kind of utility Diagrammat*ic* representation Homework after each class

3.	Law of diminishing marginal utility	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear law of diminishing of marginal utility
				Questions based of previous knowledge
				Synopsis:
				  introduction
				  Definition of law
				  Explanation of law
				  Diagrammatic representation
				  Assumption of law
				  Exceptions of law
				  Importance of law
				  Homework after class

4.	Law of equi-marginal utility	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear law of equi-marginal utility
				Questions based of previous knowledge
				Synopsis:
				  introduction
				  Definition of law
				  Explanation of law
				  Diagrammatic representation
				  Assumption of law
				  Importance of law
				Homework after class

5.	Indifference curve, Consumers equibrium	4	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of indifference curve Questions based on previous knowledge **Synopsis**: Introduction of indifference curve Definition of indifference curve Explanation of indifference curve Diagrammatic representation Assumption Characteristics of of indifference curve Consumers equilibrium

				Home work after each class

6.	Demand and law of demad	2	Lecture black board	**General objective**: to develop economics temperament
				Specific objective: to clear concept of demand and law of demand
				Question based of previous knowledge
				Synopsis:
				  Introduction
				   Definition of demand
				   Kind of demand
				   Law of demand
				   Definition of law of demand
				   Explanation
				   Diagrammatic representation
				   Assumption of law
				   Causes of the application of law of demand
				   Exceptions of law
				   Importance of law
				  Homework after each class

7.	Elasticity of demand	4	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear concept of elasticity of demand
				Questions based of previous knowledge
				Synopsis:
				  Introduction
				   Definition
				   Degrees of price elasticity of demand
				   Diagrammatic representation
				   Factors effecting the elasticity of demand
				   Methods for measuring price elasticity demand
				   Importance of concept of elasticity of demand
				   Crass elasticity of demand
				   Income elasticity of demand
				  Homework after each class

8.	Consumers surplus	1	Lecture black board	**General objective**: to develop economics temperament
				Specific objective: to clear concept of consumers surplus
				Questions based of previous knowledge
				 Synopsis:
				  introduction
				   Definition of consumers surplus
				   Explanation of consumers surplus
				   Diagrammatic representation
				   Assumption
				   Criticism of consumer surplus
				   Importance of the concept
				   Homework after class

	Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			
	UNIT-2			

1.	Production function	1	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of production function
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Definition of production function
				  Explanation of production function
				  Assumption of production function
				  Characteristics of production function
				  Type of production function
				  Homework after class

2.	Law of variable proportion	1	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of law of variable proportion
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Definition
				  Explanation
				  Stage of law variable proportion
				  Graphic representation
				  Assumption of law

				Causes of the application of law importance of law of variable proportion Homework after class

3	Iso- product curve	1	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of iso- product curve
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Definition of iso-product curve
				   Explanation of iso- product curve
				   Diagrammatic presentation
				   Assumption of iso -product curve
				   Characteristics of iso-product curve
				Homework after class

4.	Factor substitution	1	Lecture
			black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of factor substitution
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Definition
				   Explanation
				   Diagrammatic representati*on*
				Homework after class

5.	Production decision	1	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept production decision
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Iso- cost line
				   Produsers equeilibrium
				Homework after class

6.	Retuns to scale	1	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of returns to scale
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Concept of proportion and scale

				Explanation of returns to scale Determining elements of returns to scale Homework after class

7.	Economies of scale	1	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of economies of scale
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Type of economies
				  Internal and external economies
				Homework after class

8.	Different concepts of cost and their interrelation	4	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of cost
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Classification of cost
				  Money cost
				  Real cost
				  Opportunity cost
				  Shortrun and long run costs
				  Relation between average cost and marginal cost
				  Long run cost
				Homework after each class

9.	Equilibrium of firm	1	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of equilibrium of firm
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Equilibrium of firm under perfect competition
				  Equilibrium of firm under imperfect competition
				  Diagrammatic presentation
				Homework after class

	Assessment of understanding: 1. Unit test for 20 marks: subjective/objective/oral 2. group discussions			

	3.class room quiz competitions			
	UNIT-3			

1.	Market structure	1	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of different market
				Synopsis:
				    Introduction
				    Definition of market
				    Classification of market
				    Market structure
				Homework after class

2.	Perfect competition	3	Lecture black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of perfect competition
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Meaning of perfect competition
				    Conditions of perfect competition
				    Pure competition
				    Price determination under perfect competition
				Homework after each class

3.	monopoly	2	Lecture Black bord	**General objective**: to develop economics temperament
				Specific objective: to clear the concept monopoly
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Definition of monopoly
				    Characteristics of monopoly
				    Price determination under monopoly
				Homework after each class

4.	Price discrimination, Degree of monopoly power and measurement	2	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept Price discrimination
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Definition of price discrimination

				Conditions of price discrimination Determination of price under discriminating monopoly Degree of monopoly power and measurement Homework after each class

5.	Monopolistic competition	2	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of
				   Monopolistic competition
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Definition of monopolistic competition
				   Characteristics of monopolistic competition
				   Price determination under monopolistic competition
				Homework after each class

6.	Duopoly	1	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of duopoly
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Meaning of duopoly
				   Type of duopoly
				   Price determination under duopoly
				Homework after class

7.	Oligopoly	1	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept oligopoly
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Meaning of oligopoly
				   Characteristics of oligopoly
				   Price determination under oligopoly
				Homework after class

8.	Controlled and administered price	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept

				Homework after class
	Assessment of understanding: Homework aft 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			
	UNIT-4			

1.	Marginal productivity theory	1	Lecture Black bord	**General objective**: to develop economics temperament
				Specific objective: to clear the concept Marginal productivity theory
				Questions based on previous knowledge
				Synopsis:
				
				  Introduction
				  Assumptions of the marginal productivity
				  Meaning type of the marginal productivity
				  Equibrium of firm in factor market
				  Modern theory of distribution
				Homework after class

2.	Theories of wage determination	3	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of theories of wage determination
				Questions based on previous knowledge
				Synopsis:
				  Meaning of wage
				  Theories of wages
				  Subsistence theory wages
				  The standard of living theory wages
				  Residual claimant theory of wages
				  Wages fund theory
				Marginal productivity theory of wages
				Modern theory of wages
				  Homework after each class

3.	Rent	1	Lecture	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of rent Questions based on previous knowledge **Synopsis**:

				Introduction Definition of rent Theory of rent *Homework after* class
4.	Ricardian theory of rent	1	Lecture Black board	**General objective**: to develop economics temperament 　**Specific objective**: to clear the Ricardian theory of rent Questions based on previous knowledge **Synopsis**: 　Ricardian theory of rent 　Explanation 　Diagrammatic representation 　Assumption 　Criticism of Ricardian theory of rent Homework after class
5.	Modern theory of rent	1	Lecture black board	**General objective**: to develop economics temperament 　**Specific objective**: to clear the concept of Modern theory of rent Questions based on previous knowledge **Synopsis**: 　Introduction 　Basis of the modern theory 　Definition of rent 　Explanation 　Causes of rent Homework after class
6.	Quasi rent	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of quasi rent Questions based on previous knowledge **Synopsis**: 　Introduction 　Definition 　explanation Homework after class
7.	Interest	3	Lecture Black board	**General objective**: to develop economics temperament 　**Specific objective**: to clear the concept of interest Questions based on previous knowledge **Synopsis**: 　Definition of interest 　Kinds of interest

				Classical theory of interest Liquidity preference theory of interest of Keynes Modern theory of interest Homework after each class

7.	profit	3	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of profit
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Meaning and Definition
				    The risk theory of profit
				    The innovation theory of profit
				    Uncertainty theory of profit
				Homework after each class

	Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			
	Unit-5			

1.	Welfare economics	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of welfare economics
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Definition
				    Positive economics and welfare economics
				    General welfare and economic welfare
				    Homework after class

2.	Pigovian welfare economics	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Pigovian welfare economics Questions based on previous knowledge **Synopsis**: Introduction

				Assumptions of Pigovian welfare economics Optimisation conditions of social welfare criticism Homework after class

3.	Paretos criteria	2	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of pareto criteria of welfare economics
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Concept of welfare
				    Pareto optimum
				    Assumption of pareto optimum
				    Social optimum of pareto
				    Graphical representation
				    Paratian optimum conditions
				    Criticism of paratian welfare economics
				Homework after each class

4.	Kaldor –hicks welfare criterion	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Kaldor –hicks welfare criterion
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Assumptions
				    Kaldors criterion
				    Hicks criterion
				    Diagrammatic representation of Kaldor –hicks welfare criterion
				    criticisms
				    Homework after class

5.	Social welfare function	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Social welfare function
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Assumptions
				    Definition of Social welfare function
				    Properties of social welfare function

				criticism Homework after class
	Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			

BA I
Economics
PAPER - 2 (paper code -0 112)
(INDIAN ECONOMICS) M.M. 75

UNIT-1

S. No.	Topic	No. of periods needed	Teaching Method	Lesson plan
1.	A short introduction of economic polices of British india	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the economic polices of British india Questions based on previous knowledge **Synopsis**: Introduction Changes in land system Tax policy and tax system taxation Industrial and commercial policies Drain of wealth Homework after class
2.	State of economy at the time of independence	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear State of economy at the time of independence Questions based on previous knowledge **Synopsis**: Introduction Indian economy at the time of independence Colonial economy Semi-feudal economy Backward economy Stagnant economy Homework after class
3.	Planning exercises in India	2	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear Planning exercises in India Questions based on previous knowledge **Synopsis**: Introduction Five year plans in India Strategy of planning in India

				Homework after each class

4.	The planning commission and NITI ayog	2	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the Planning commission and NITI ayog
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Planning commission
				  Organization of planning commission
				  Objectives of planning commission
				  Function of planning commission
				  National institution for transforming India [NINI] ayog
				  Objectives of NITI ayog
				  Composition of NITI ayog
				  Functions of NITI ayog
				Homework after each class

5.	Groth and development in pre-reform period	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear groth and development in pre-reform period
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Development strategy in pre-reform phase
				  achievements
				Homework after class

6.	New economic reforms	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear new economic reforms
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Objectives of economic reforms
				  Liberazation
				  Privatization
				  Globalization
				Homework after class

7.	Growth, deveiopment and structural change in post-reform	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear Growth, deveiopment and structural change in

	period			post-reform period
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Trands in the growth of national income
				    trands
				    Homework after class

Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions				
UNIT-2				

1.	Demagragraphic trends and issues of education health, malnutrition and migration	3	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the demographic trends
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Demographic trends
				    Helth
				    Education
				    Malnutrition
				    migration
				    Homework after each class

2.	Trends and policies in poverty	1	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the trends and policies of poverty
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Concept of poverty
				    Definition and estimate of poverty in India
				    causes of poverty in India
				    removal of poverty programmes in India
				    Homework after class

3.	Inequality	1	Lecture	**General objective**: to develop economics temperament **Specific objective**: to clear inequality in India Questions based on previous knowledge **Synopsis**:

				Introduction Inequality of income Inequality of assets Regional inquality Homework after class
4.	Unemployment	1	Lecture black board	**General objective**: to develop economics temperament **Specific objective**: to clear unemployment in India Questions based on previous knowledge **Synopsis**: Introduction Nature of unemployment in India Estimate of unemployment in India Causes of unemployment in India Suggestions to solve the problem of in unemployment India Policy for controlling unemployment India Homework after class
5	International comparision in human development and poverty reduction	1	Lecture black board	**General objective**: to develop economics temperament **Specific objective**: to clear International comparision in human development and poverty reduction Questions based on previous knowledge **Synopsis**: Introduction Human development Concept of human development Measurement of human development Calculation of human development index International comparison of development International comparison in poverty reduction Homework after class

Assessment of understanding: 1. Unit test for 20 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions

		UNIT-3		
1.	Nature and importance of agriculture	1	Lecture black board	**General objective**: to develop economics temperament **Specific objective**: to clear the nature and

				importance of agriculture
				Question based on previous knowledge
				Synopsis:
				   Introduction
				   Nature and characteristics of Indian agriculture
				   Importance of agriculture
				Homework after class

2.	Trends in agriculture production and productivity,factors determining productivity	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear Trends in agriculture production and productivity,factors determining productivity Questions based on previous knowledge **Synopsis**: Introduction Meaning of agricultural productivity Trends in agriculture production and productivity in India Factors influencing production and productivity Suggestions for improvement of agriculture productivity and effort made by government Homework after class

3.	Land reforms	2	Lecture	**General objective**: to develop economics temperament
				Specific objective: to clear the concept land reforms
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Meaning of land reforms
				   Land system before independence
				   Land reforms policy in India after independence
				   Homework after each class

4.	New agriculture strategies and green revolution	1	Lacture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear new agriculture strategies and green revolution Questions based on previous knowledge **Synopsis**:

				Introduction Agriculture development dring plan period Green revolution Achievements of green revolution Limitation of green revolution Suggestions for the success of green revolution Homework after class
5.	Rural credit	1	Lacture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the rural credit in India Questions based on previous knowledge **Synopsis**: Meaning of rural credit Need of agricultural finance in India Means of agricultural finance in India Homework after class
6.	Agriculture marketing	1		**General objective**: to develop economics temperament **Specific objective**: to clear agriculture marketing Questions based on previous knowledge **Synopsis**: Meaning of agriculture marketing Agriculture marketing current system in India Problem in agriculture marketing Remedies to remove Problem in agriculture marketing Cooperative marketing in India Homework after class
7.	Natural resources and infra-structure development	3	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear concept of natural resources and infra-structure development Questions based on previous knowledge **Synopsis**: Role of natural resources in economic development Performance, problem and –policy of Land resources Water resources Forest resources

				Mineral resources Homework after each class

8.	Mudra yojana	1	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear concept of Mudra yojana
				Questions based on previous knowledge
				Synopsis:
				  What is Mudra bank
				  Objectives of Mudra bank
				  Needs of Mudra bank
				  Output and service of Mudra bank
				Homework after class

Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions

UNIT-4

1.	Industrial growth and productivity in India	1	Lecture	**General objective**: to develop economics temperament
				Specific objective: to clear industrial growth and productivity in India
				 Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Industrial development during planning period
				  Industrial structural change and economic development during planning period
				Homework after class

2.	Industrial policy and reforms in India	1	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of Industrial policy and reforms in India
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Industrial policy 1948
				  Industrial policy 1956
				  Industrial policy 1977
				  Industrial policy reforms- Industrial policy 1991
				  Evalution of Industrial policy of India
				Homework after class

3.	Growth and problems of small and cottage scale industries	2	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of growth and problems of small and cottage scale industries Questions based on previous knowledge **Synopsis**: Definitions of small and cottage scale industries Importance of small and cottage scale industries in Indian economy Problems of small and cottage scale industries Suggestions for development of small and cottage scale industries Government efforts for promotion of small and cottage scale industries New small industrial policy Homework after each class
4.	Role of public sector enterprises India's industrialization	2	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the role of public sector enterprises India's Questions based on previous knowledge **Synopsis**: Introduction Private and public sector in India Importance of public sector in India Objective of public sector in India Role of public sector enterprises India's Industrialization Profitability of public enterprises Problems of public sector enterprises in India Homework after class
4.	Trends and performance in services	1	lecture	**General objective**: to develop economics temperament **Specific objective**: to clear trends and performance in services India Questions based on previous knowledge **Synopsis**: Meaning of service sectorstructure of service sector in India Development of service sector Homework after class

Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions				
Unit-5				

1.	Trade Role of foreign	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the role of foreign trade in India
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Role of foreign trade
				  Pattern of trade
				  Composition of foreign trade in India
				  Direction of foreign trade in India
				  Trends in ex-ports and imports
				  Homework after class

2.	Export promotion measures and the new trade policies	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of export promotion measures and the new trade policies
				 Questions based on previous knowledge
				Synopsis:
				  Meaning of export promotion
				  Needs export promotion in India
				  Efforts of India government for export promotion
				  Suggestions of export promotion in India
				  New trade policy
				  Homework after class

3.	National income	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of national income
				Questions based on previous knowledge
				Synopsis:
				  Meaning of national income
				  Importance of national income
				  Estimate of national in come in India
				  Composition of national income in india

				Homework after class

4.	Saving and investment	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of saving and investment
				Questions based on previous knowledge
				Synopsis:
				  Meaning of savings
				  Sources of savings in India
				  Gross domestic savings in India
				  The problem of mobilisation of saving in India
				  Meaning of Investment
				  Investment in india
				  Suggstions for promotion of investment in india
				  Homework after class

5.	Inflation	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of inflation
				Questions based on previous knowledge
				Synopsis:
				
				  Meaning of inflation
				  Type of imflation
				  Causes of inflation
				  Inflation and economic growth
				  Inflation in India
				  Homework after class

6.	Fiscal policy	1	lecture	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Fiscal policy
				Questions based on previous knowledge
				Synopsis:
				
				  Meaning and definitions of fiscal policy
				  Objectives of fiscal policy
				  Components of fiscal policy
				  Limitations of fiscal policy in developing countries
				  Homework after class

7.	Monetary policy	1	lecture	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of monetary policy
				Questions based on previous knowledge
				Synopsis:
				  Meaning and definitions of monetary policy
				   Objectives of monetary policy
				   Tools of monetary policy
				   Monetary policy in developing countries
				   Homework after class

Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions				

BA II year

1. Outline learning objective
2. Develop the introduction
3. Plan the main body of the lesson
4. Plan to check for understanding
5. Develop a conclusion and a preview
6. Create realistic timeline

Economics
PAPER - I (paper code0181)
(Micro Economics) M.M. 75

UNIT-1

S. No.	Topic	No. of periods needed	Teaching Method	Lesson plan
1.	Concept and measurement of national income	3	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept and measurement of national income Questions based on previous knowledge **Synopsis**: Introduction Definition of national Various concepts of national income Measurement of national income Homework after each class
2.	Economic welfare and national income	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of economic welfare and national income Questions based on previous knowledge **Synopsis**: Introduction Definition of economic welfare Economic welfare and national income Homework after class

3.	Social accounting, circular flow of income, green accounting	3	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Social accounting
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Definition of Social accounting
				  Type of accounts
				  Circular flow of income
				  Green accounting
				Homework after each class

4.	Classical theory of employment-say's law of market	1	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of say's law of market
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Assumptions classical theory of employment
				  Say's law of market
				  Pigou's version of employment
				  Criticism of classical theory of employment
				Homework after class

5.	Keynesian theory of employment	1	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Keynesian theory of employment
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Assumptions c Keynesian theory of employment
				  Effective demand
				  Determination of employment
				  Importance of effective demand
				  Criticism of Keynesian theory of employment
				Homework after class

	Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			
	UNIT-2			

1.	Consumption function	2	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of consumption function
				 Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Definition of consumption function
				  Schedule of propensity to consume
				  Average propensity to consume
				  Marginal propensity to consume
				  Keynes's psychological law of consumption
				  Determinants of the consumption function
				  Im portance of consumption function
				  Homework after each class

2.	The investment multiplier	2	Lecture
			Black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of the investment multiplier
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Theory of investment multiplier
				  Relation between marginal propensity to consume and multiplier
				  Limitation of multiplier
				  Criticism and importance of multiplier concept
				Homework after each class

3.	The investment function	2	Lecture black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept the investment function Questions based on previous knowledge **Synopsis**:

				Introduction Investment function Types of the investment function Autonomous and induced investment Marginal efficiency of capital Factors affecting marginal efficiency of capital Homework after each class
	Assessment of understanding: 1. Unit test for 20 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			
UNIT-3				

1.	Nature and characteristics of terade cycle	1	Lecture	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Nature and characteristics of terade cycle
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Definition of trade cycle
				  Types of trade cycle
				  Causes of trade cycle
				  Nature of trade cycle
				  Phases of trade cycle
				 Homework after class

2.	Hawtre's monetary theory of trade cycle	1	Lecture
			black board
				General objective: to develop economics temperament
				Specific objective: to clear the concept Hawtre's monetary theory of trade cycle
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Hawtre's monetary theory of trade
				  Changes in the circular flow of money
				  Consumers income and outlay
				  Criticism of the theory
				 Homework after class

2.	Hayeks over-investment theory	1	Lecture	**General objective**: to develop economics temperament **Specific objective**: to clear the concept

				of Hayeks over- investment theory Questions based on previous knowledge **Synopsis**: Introduction Assumotion Rol of interest rate Production structre Explanation of the theory Criticism of the theory Homework after class
3.	Keynes's view on trade cycles	1	Lecture	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Keynes's view on trade cycles Questions based on previous knowledge **Synopsis**: Saving invest theory of Keynes Prosperity Recession Recovery Criticism of the theory Homework after class
4.	Schumpeterer's theory ttrade cycle	1	Lecture black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Schumpeterer's theory ttrade cycle Questions based on previous knowledge **Synopsis**: Innovation theory of business cycle Concept of innovation Prosperity Recess Criticism of the theory Homework after class
5.	Samuelsons and hicks multiplier accelerator model	3	Lecture black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Samuelsons and hicks multiplier accelerator model Questions based on previous knowledge **Synopsis**: Prosperity accelerator- multiplier

				unified theory of trade cycle merits of the multiplier- accelerator interaction theory Criticism of the theory Hicks multiplier accelerator model Assumption of the model The Hicksian model Criticism of Hicksian model Homework after each class
6.	Control of trade cycle	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear Control of trade cycle Questions based on previous knowledge **Synopsis**: Introduction Control of trade cycle Preventive measures Curative measures Homework after class
	Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			
	UNIT-4			
1.	Interregional and international trade	1	Lecture black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept interriegional and international trade Questions based on previous knowledge **Synopsis**: Introduction Definition of interregional and international trade Distinguishing features of interregional and international trade Homework after class
2.	Ricardian theory of comparative cost	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Ricardian theory of comparative cost Questions based on previous

				knowledge
				Synopsis:
				    Introduction
				    Assumptions of Ricardian theory
				    Explanation of Ricardian theory
				    Diagrammatic representation
				    Critical evaluation of comparative
				    cost theory
				Homework after class

3.	Opportunity cost theory of international trade	1	Lecture black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept opportunity cost theory of international trade
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Meaning of opportunity cost
				    International trade under constant opportunity costconditions
				    Critical evaluation of opportunity cost theory
				 Homework after each class

4.	Heckscher- ohlin theory of international trade	1	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Heckscher- ohlin theory of international trade
				Questions based on previous knowledge
				Synopsis:
				    Introduction
				    Assumptions of Heckscher- ohlin theory
				    Meaning of relative factor abundance
				    Explanation of Heckscher- ohlin theory
				    Critical evaluation of Heckscher- ohlin theory
				    homework after each class

5.	International trade and economic development	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear international trade and economic

				development Questions based on previous knowledge **Synopsis**: 　Introduction 　Favourable impact international trade and economic development 　Unfavourable impact international trade and economic development 　Critical evaluation of Heckscher-ohlin theory 　Problems of developrd countries related to foreign trade homework after class
6.	Tariffs and import quotas, concept of optimum tariff	2	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear tariffs and import quotas Questions based on previous knowledge **Synopsis**: 　Introduction 　Meaning of tariffs 　Classification of tariffs 　Measuring the rate of a tariff 　Effects of tariff 　concept of optimum tariff 　Import quotas 　Meaning of Import quotas 　Types of import quotas 　Effects of quotas 　Homework after each class
7.	Balance of trade and balance of payment	3	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear concept balance of trade and balance of payment Questions based on previous knowledge **Synopsis**: 　Introduction 　Meaning of balance of payment 　components of balance of payment 　equilibrium in balance of payment 　Causes in unbalance of balance of

				payment Remedies to remove of crisis of balance of payment Homework after each class

8.	Relative merits and demerits of devaluation	1	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear merits and demerits of devaluation
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Definition of devaluation
				  Objectives of devaluation
				  Effects of devaluation
				  Conditions for the success of devaluation
				  Over valuation
				  Homework after class

9.	Foreign trade multiplier	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear concept of foreign trade multiplier import function and export fnction marginal and average propensity to import leakage in multiplier effect importance of foreign trade multiplier Home work after class
	Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			
	Unit-5			
1.	Functions and objectives of internation Monetary fund	2	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the Functions and objectives of internation Monetary fund Questions based on previous knowledge **Synopsis**: Introduction Establishment of Internation Monetary fund

				Objects of Internation Monetary fund Membership of the I.M.F. Structre and management of I.M.F. Financial resources of the I.M.F. Function of I.M.F. Homework after each class
2.	World Bank	2	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the Functions and objectives of World Bank Questions based on previous knowledge **Synopsis**: Introduction Establishment of World Bank Objects of World Bank Membership of the World Bank Structure and management of World Bank Function of World Bank. Homework after each class
3	World Trade Organization	2	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the Functions and objectives of World Trade Organization Questions based on previous knowledge **Synopsis**: Introduction Establishment of World Trade Organization Objects of W.T.O. Structure and management of W.T.O. Function of W.T.O. Homework after each class
4.	Foreign trade in India recent change in the composition and direction of foreign trade	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the Foreign trade in India recent change in the composition and direction of foreign trade Questions based on previous knowledge **Synopsis**:

				Introduction Role of foreign trade Direction of India's foreign trade Composition of India's foreign trade Homework after class
5.	India's balance of payment	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear India's balance of payment Questions based on previous knowledge **Synopsis**: Introduction Meaning of balance of payment Balance of payment in India Crisis of balance of payment in India Remedies to remove crisis of balance of payment in India Homework after each class
6.	Export promotion and import subtitution	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear export promotion and import subtitution Questions based on previous knowledge **Synopsis**: Introduction Meaning of export promotion Need export promotion in India Government efforts in export promotion in India import substitution in India Homework after class
7.	Multinational corporations and India	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear multinational corporations and India Questions based on previous knowledge **Synopsis**: Introduction Meaning of multinational corporations Characteristics of multinational corporations

				Merits and demerits of multinational corporations Role of multinational corporations In India Homework after class

BA II
Economics
PAPER 2 (paper code - 0182)
(Money Banking and Public Finance) M.M. 75

UNIT-1

S. no.	Topic	No. of periods needed	Teaching Method	Lesson plan

1.	Meaning and function of money	2	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the meaning and function of money
				 Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Definition of money
				   Function of money
				Homework after each class

2.	Gresham's law	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Gresham's law
				 Questions based on previous knowledge
				Synopsis:
				   History of Gresham's law
				   Definition of Gresham's law
				   Why does the Gresham's law
				   Scope of the Gresham's law
				   Limitation of Gresham's law
				   Homework after class

3.	Quantity theory of money	3	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of quantity theory of money
				Questions based on previous knowledge
				Synopsis:
				   Definition of Quantity theory of money
				   Quantity theory of money
				   Fisher's equation (cash transaction)
				   Assumption of quantity theory of

				money Criticisms of Fisher's quantity theory of money Cash balance apprpach Cambridge equation Marshal's equation Robartson's equation Peogu's equation Keyensian equation Homework after each class

4.	Change in the value of money (inflation, deflation reflation	3	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear concept of change in the value of money
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Inflation
				  Meaning of inflation
				  Types of inflation
				  Stages of inflation
				  Causes of inflation
				  Effects of inflation
				  Deflation
				  Meaning of deflation
				  Stages of deflation
				  Causes of deflation
				  Effects of deflation
				  reflation
				  Homework after each class

5.	Demand pull and cost push inflation and Philips curve	3	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear concept Demand pull and cost push inflation and Philips curve
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Demand pull inflation
				  Cost push inflation
				  Philips cueve
				  An analysis of unemployment and inflation
				  Homework after each class

Assessment of understanding:
1. Unit test for 30 marks: subjective/objective/oral
2. group discussions
3.class room quiz competitions

	UNIT-2			

1.	Commercial banking	4	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of commercial banking
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Definition of Banks
				  Types of Banks
				  Functions of Banks
				  The process of credit creation
				  Purpose and of credit creation
				  A critical appraisal of the progress of commercial banking
				Homework after each class

2.	Functions of Central Bank	4	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Functions of Central Bank
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Definition of Central Bank
				  Functions of Central Bank
				  Quantitative and qualitative methods
				   of credit control
				 Homework after each class

3.	Role and functions of the Reserve bank of india	2	Lecture Black board	**General objective**: to develop economics temperament
				  Specific objective: to clear the role and
				  functions of the Reserve bank of india
				Questions based on previous knowledge
				Synopsis:
				  Establishment and aims of Reserve
				  Bank of India
				  Organization of Reserve Bank of India
				  Functions of Reserve Bank of India
				Homework after each class

4.	Objectives and limitations of	2	Lecture black board	**General objective**: to develop economics temperament

	monetary policy with special reference to india			**Specific objective**: to clear concept of Objectives and limitations of monetary policy with special reference to india Questions based on previous knowledge **Synopsis**: Meaning of monetary policy Objective of monetary policy Tools of monetary policy Monetary policy in a developing economy Monetary policy of Reserve Bank of India Homework after each class
Assessment of understanding: 1. Unit test for 20 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions				
UNIT-3				
1.	Meaning and spope of public finance	3	Lecture black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of meaning and spope of public finance Questions based on previous knowledge **Synopsis**: Introduction of public finance Nature of public finance Scope of public finance Distinction between public finance and private finance Importance of public finance Homework after each class
2.	Social goods v/s Private goods	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Social goods v/sPrivate goods Questions based on previous knowledge **Synopsis**: Introduction Concept of social goods Social goods v/c Private goods Homework after class
3.	Principle of maximum social advantage	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of principle of maximum social advantage Questions based on previous knowledge

				Synopsis: Principle of maximum social advantage Explanation Diagrammatic representation Criticism of principle of maximum social advantage Homework after class
4.	Role of government in economic acctivities	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the role of government Questions based on previous knowledge **Synopsis**: Introduction Economic avtivities of modern states Factors responsible for increasing government's economic activities Limitations of economic activities Homework after class
5.	Public expenditure	3	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear concept of public expenditure Questions based on previous knowledge **Synopsis**: Concept of public expenditure Meaning of public expenditure Classification of public expenditure Importantance and objects of public expenditure Principles of public expenditure Trends in Public expenditure and causes of public expenditure in India Homework after each class

Assessment of understanding:
1. Unit test for 30 marks: subjective/objective/oral
2. group discussions
3.class room quiz competitions

UNIT-4

1.	Sources of plubic revenue	2	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of plubic revenue Questions based on previous knowledge **Synopsis**:

				Meaning of public revenue Classification of public revenue Sources of public revenue Homework after each class
2.	Canons of taxation	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the Canons of taxation Questions based on previous knowledge **Synopsis**: Introduction Meaning of tax Objectives of taxation Canons of taxation Homework after class
3.	Classification ot taxes	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the classification ot taxes Questions based on previous knowledge **Synopsis**: Classification ot taxes Direct taxes Definition of Direct tax Merits and demerits of Direct tax indirect taxes Definition of indirect tax Merits and demerits of indirect tax Proportional progressive and degressive taxes Homework after class
4.	Division of tax brden, impact and incidence of taxes	1	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of division of tax brden, impact and incidence of taxes Questions based on previous knowledge **Synopsis**: Introduction Meaning the division of tax brden Meaning ofimpact and incidence of taxation difference between impact and incidence Homework after class

5.	e Equity and justice of taxation, the benefit and ability to pay approaches	1	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear The benefit and ability to pay approaches
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Benefit principle of taxation
				   Assessment of benefit principle
				   Ability to pay principle
				   Assessment of Ability to pay principle
				   Homework after class

6.	Taxable capacity, Effects of taxation	1	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Taxable capacity and Effects of taxation
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Definitions of the Taxable capacity
				   Absolute and relative taxable capacity
				   Factors determining Taxable capacity
				   Measurement of taxable capacity
				   Effects of taxation
				   Homework after class

7.	Major trends in tex revenue of the central and state government in india	1	Lecture Black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of the major trends in tex revenue of the central and state government in india
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Source of revenue of central government
				   Expenditure of central government
				   Causes of increase in expenditure in India
				   Sources of revenue of state governmrnt
				   Expenditure of state government
				   Homework after class

	Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			

Unit-5				

1.	Public debt	3	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of public debt
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Meaning of public debt
				   Importance of public debt
				   Effects of debt
				   Classification of public debt
				   Internal and external debt
				   Methods of raising public debt
				   Effects of debt
				   Methods of redemption of public debt
				Homework after each class

2.	Financial administration and budgetary procedure	3	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of the financial administration and budgetary procedure
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Meaning of financial administration
				   Scope of financial administration
				   Importance of financial administration
				   Process of financial administration
				   Public budget
				   Meaning of Public budget
				   Objectives of budget
				   Kinds of budget
				   Economic functional classification of the budget
				   Preparation and budget in india
				Homework after each class

Assessment of understanding:
1. Unit test for 30 marks: subjective/objective/oral
2. group discussions
3.class room quiz competitions

BA III year

1. Outline learning objective
2. Develop the introduction
3. Plan the main body of the lesson
4. Plan to check for understanding
5. Develop a conclusion and a preview
6. Create realistic timeline

Economics
PAPER -I (paper code - 0242)
(DEVELOPMENT AND ENVIRONMENTAL ECONOMICS) M.M. 75

UNIT-1

S. No.	Topic	No. of periods needed	Teaching Method	Lesson plan
1.	Economic growth and development	2	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of economic growth and development Questions based on previous knowledge **Synopsis**: Introduction Meaning and definition of economic development Characteristics of economic development dictinction between economic growth and economic development factors influencing economic growth Homework after each class
2.	Developed and under-developed economy	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept

				of developed and under-developed economy
				 Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Meaning of developing economies
				   Characteristics of under developed economy
				    Homework after each class

3.	Poverty- absolute and relative	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Poverty
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Absolute poverty
				   Relative poverty
				   Causes of poverty
				   Homework after class

4.	Measuring development and undevelopment, human development index	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Measuring development and undevelopment
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Mesurment or indicator of economic development
				   Human development index
				 GDI,HPI
				Homework after class

	Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			
UNIT-2				
1.	Population problem and growth	2	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Population problem and growth Questions based on previous knowledge **Synopsis**:

				Introduction Role of human capital in economic development Pattern of population Population, poverty and environment Theory of demographic transition Homework after each class
2.	Theory of social change Immutable law of capital development	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the theory of social change Immutable law of capital development Questions based on previous knowledge **Synopsis**: Introduction Theory of social change Immutable law of capital development Homework after class
3.	Karl marks- theory of development	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Karl marks- theory of development Questions based on previous knowledge **Synopsis**: Introduction Explanation of Marxian theory Materialistic interpretation of history Theory of surplus value Accumulation of capital Crisis in capitalism Stage of development of marx A critical appraisal Homework after class
4.	Mahalonobis four sectoral model	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Mahalonobis four sectoral model Questions based on previous knowledge **Synopsis**: Introduction Mahalonobis four sectoral model Critical appraisal Homework after class

5.	Schumpeter's development in capitalistic economy	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Schumpetes's development in capitalistic economy
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Schumpeter analysis
				  Circular flow of economy
				  Meaning of economy development
				  Innovations
				  Cyclic process
				  Criticisms of the theory
				 Homework after class

6.	Big-push theory	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of big-push theory
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Rosenstein- rodans thesis
				  Indvisibility of demand
				  Indvisibility in production function
				  Indvisibility in supply of savings
				  Criticisms of the theory
				 Homework after class

7.	balance and un balance growth	2	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of big-push theory
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Meaning and definition of balanced growth
				  Explanations of balanced growth
				  Rosenstein Rodans explanation
				  Explanation of Regner Nurkse
				  Effects of balanced growth
				  Problems of balanced growth
				  Criticism of balanced growth

				Unbalanced growth Unbalanced growth principle of Prof. Hirschman Thought of Hens w. Singer Merits and demerits of Unbalanced growth method Criticism of Unbalanced growth Homework after each class
8.	Critical minimum effort thesis	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Critical minimum effort thesis Questions based on previous knowledge **Synopsis**: Liebensteins theory Population growth a function of per capita income Fertility and critical minimum effort Criticisms of the theory Homework after class
9.	Low income equilibrium trap	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of low income equilibrium trap- Questions based on previous knowledge **Synopsis**: Nalson's model Homework after class
10.	Dualism-technical, behavioural and social	2	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of dualism-technical, behavioural and social Questions based on previous knowledge **Synopsis**: Social dualism Characteristics of dualistic society Critical appraisal Technological dualism Critical appraisal Homework after each class

	Assessment of understanding: 1. Unit test for 20 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			
	UNIT-3			

1.	Harrod and Domar growth model	2	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Harrod and Domar growth model
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Assumptions of Harrod and Domar growth model
				   Harrod's growth model
				   Eqations of Harrod's growth model
				   Domar's growth model
				   Eqations of Domar's growth model
				   Comparative of Harrod and Domar growth model
				   Homework after each class

2.	Solow's neo-classical model of economic growth	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Solow's neo-classical model of economic growth
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Assumptions of Solow's model
				   Equation of of Solow's model
				   Criticisism of Solow's model
				   Homework after class

3.	Meade's neo-classical model of economic growth	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Meade's neo-classical model of economic growth
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				    Assumptions of meade's model

				Equation of of Meade's model Criticisism of meade's model Homework after class

4.	Mrs. Joan Robinson's model	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Mrs. Joan Robinson's model
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Assumptions of Mrs. Joan Robinson's model
				   Mathematical structure of Mrs. Joan Robinson's model
				   Critical appraisal
				Homework after class

5.	Arthur Lewis theory of unlimited supply of labour	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Arthur Lewis theory of unlimited supply of labour
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Assumptions of Arthur Lewis theory
				   The process of economic expansion
				   End of groth process
				   Critical appraisal
				Homework after class

	Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			
	UNIT-4			
1	Environment economy linkge and environment as a necessity and luxury	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of environment economy linkge and environment as a necessity and luxury Questions based on previous knowledge **Synopsis**: Introduction

				Environment Characteristics of Environment Elements of Environment Economy Environment and economy linkes Impact of economic development of environment Environment economy equilibrium environment Environment as a necessity and luxury Homework after class

2.	Population-environment linkage	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of population- environment linkage
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Population environment linkage
				   Population growth and environmental crisis
				   Homework after class

3.	Environmental use and environmental disruption- as an allocation problem	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Environmental use and environmental disruption- as an allocation problem
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Environmental use
				   Environmental disruption
				   Allocation problem
				Homework after class

4.	Market failure for environmental goods; Environments as a public goods ;a common problem; property right approach to environmental problem	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Market failure for environmental goods; Environments as a public goods ;a common problem; property right approach to environmental problem Questions based on previous

				Synopsis: Introduction Market failure for environmental goods Environments as a public goods a common problem Property right approach to environmental problem Homework after class
5.	Valuation of environmental damages- land water air and forest	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of population- environment linkage Questions based on previous knowledge **Synopsis**: Introduction Valuation of environmental damages Valuation of environmental damages: land ,water ,air and forest Homework after class
6.	Pollution control-prevention	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of pollution control-prevention Questions based on previous knowledge **Synopsis**: Introduction Meaning of pollution Types of pollution Air pollution Water pollution Soil pollution Sond pollution Radio active pollution Homework after class
7.	Control and abatement of pollution choice of policy instruments in developing countries	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Control and abatement of pollution choice of policy instruments in developing countries Questions based on previous knowledge **Synopsis**:

				Introduction Policy and environmental legislation for pollution in developing countries environmental legislation and implementation Homework after class
8.	Indicators of sustainable development and environmental accounting	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of Indicators of sustainable development and environmental accounting Questions based on previous knowledge **Synopsis**: Introduction Sustainable development Indicators of sustainable development environmental accounting Homework after class
	Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions			
	Unit-5			
1	Concept of intellectual capital	2	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of intellectualcapital Questions based on previous knowledge **Synopsis**: Introduction Meaning of human capital formation or concept of intellectual capital Need for intellectual capital formation Importance of human capital formation Scope of human investment : food security, education, health and nutrition Measures for human capital formation

				Limitations of investment in human capital Homework after each class
2.	Efficiency and productivity in agriculture	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of efficiency and productivity in agriculture Questions based on previous knowledge **Synopsis**: Introduction Agriculture efficiency Agriculture productivity Homework after class
3.	New technology and sustainable agriculture	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of New technology and sustainable agriculture Questions based on previous knowledge **Synopsis**: Introduction New technology in Agriculture Sustainable development in agriculture Homework after class
4.	Globalization and agricultural growth	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of globalization and agricultural growth Questions based on previous knowledge **Synopsis**: Introduction Globalization and agricultural growth Homework after class
5.	The choice of technique and appropriate technology and employment	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of the choice of technique and appropriate technology and employment

				Questions based on previous knowledge **Synopsis**: Introduction Need and importance of choice of technique Difficulties in the choice of technology Appropriate technology and employment Homework after class
6.	Role of monetory and fiscal policy in developing countries	2	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the role of monetory and fiscal policy in developing countries Questions based on previous knowledge **Synopsis**: Introduction Fiscal policy and economic development Meaning and definition of fiscal policy Objectives of fiscal policy Objectives of fiscal policy in underdeveloped countries Tools of fiscal policy Limitations of fiscal policy in developing countries Monetary policy Meaning and definition of monetary policy Objectives of monetary policy in underdeveloped countries Limitations of monetary policy in developing countries Homework after each class

BA III year
Economics
PAPER - II (paper code - 0243)
(Statistical Methods) M.M. 75

UNIT-1

S. No.	Topic	No. of peri-ods nee-ded	Teaching Method	Lesson plan
1.	Statistical methods statistics	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of statistical methods statistics Questions based on previous knowledge **Synopsis**: Introduction Definition of statistics Scope and division of statistics Objects and functions of statistics Importance of statistics Limitations of statistics statistics Homework after class

2.	Statistical investigation	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Statistical investigation
				Questions based on previous knowledge
				Synopsis:
				   Introduction
				   Meaning and definition of Statistical investigation
				   Main stages of statistical investigation
				   Planning of statistical investigation
				   Types of statistical investigation
				   Methods of statistical investigation
				Homework after class

3.	Collection of data, Primary and secondary data	1	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of collection of data

				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Meaning and definition of data
				  Primary and secondary data
				  Methods of collecting primary data
				  Collection of secondary data
				  Errors in collection of statistics
				Home work after class

4.	Sampling and sampling designs, Sampling errors	2	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Sampling and sampling designs
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Sampling
				  Objects of sampling
				  Sampling distribution
				  Methods of sampling
				  Sampling errors
				Homework after class

5.	Frequency distribution	1	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Frequency distribution
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Concept of Frequency distribution
				  Methods to make discrete frequency distribution
				  Classification according to class-intervals
				  Cumulatitive frequency
				Homework after class

6.	Diagrammatic and graphic presentation	2	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of giagrammatic and graphic presentation
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Utility and ad
				  Kinds of diagrams

				Homework after class

Assessment of understanding:
1. Unit test for 30 marks: subjective/objective/oral
2. group discussions
3.class room quiz competitions

	UNIT-2			
1.	Central tendency-measurement of mean	3	Lecture black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of central tendency and calculation of measurement of mean Questions based on previous knowledge **Synopsis**: Introduction Measurement of mean Various measures of central tendency Arithmetic mean Methods of calculating mean Calculation of in individual series Calculation of mean in grouped series Homework after each class
2.	Geometric mean and harmonic mean	3	Lecture black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept and calculation of geometric mean and harmonic mean Questions based on previous knowledge **Synopsis**: Introduction Geometric mean Method of calculating geometric mean Harmonic mean Method of calculating Harmonic mean Homework after each class
3.	Median	2	Lecture black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept and calculation of Median Questions based on previous

				knowledge **Synopsis**: Median Computation of median Homework after each class
4.	Mode	3	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept and calculation of Median Questions based on previous knowledge **Synopsis**: Mode Computation of Mode Homework after each class

Assessment of understanding:
1. Unit test for 20 marks: subjective/objective/oral
2. group discussions
3.class room quiz competitions

UNIT-3

1.	dispersion	4	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept and calculation of dispersion Questions based on previous knowledge **Synopsis**: Dispersion Methods of measuring dispersion Methods of dispersion rang Quartile deviation Computation of quartile deviation Mean deviation Calculation of mean deviation and its coefficient Homework after each class
2.	Standard deviation	3	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept and calculation of standard deviation Questions based on previous knowledge **Synopsis**: Standard deviation Methods of measuring Standard

				deviation Calculation of standard deviation and its coefficient Homework after each class

3.	Lorenz curve	1	Lecture
			Black
			board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of Lorenz curve
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Lorenz curve
				  Method of construction
				  Homework after class

4.	Skewness and kurtosis	2	Lecture
			Black
			board
				General objective: to develop economics temperament
				Specific objective: to clear the concept of skewness and kurtosis
				Questions based on previous knowledge
				Synopsis:
				  Skewness
				  Meaning of skewness
				  Measures of skewness
				  Karl pearson's coefficient of skewness
				  Bowley's coefficient of skewness
				  Kurtosis
				  Measurement of kurtosis
				Homework after each class

Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions

UNIT-4

1.	Coefficient of correlation- Karl pearson's method	4	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept and calculation of Coefficient of correlation Questions based on previous knowledge **Synopsis**:

				Introduction Meaning and definition of correlation Degree of correlation Karl pearson's coefficient of correlation Calculation of Karl pearson's coefficient of correlation Homework after each class
2.	Spearman's rank coefficient of correlation	3	Lecture Black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept of correlation and calculation of Karl pearson's coefficient of correlation Questions based on previous knowledge **Synopsis**: Introduction Meaning and definition of correlation Degree of correlation Karl pearson's coefficient of correlation Calculation of Karl pearson's coefficient of correlation Homework after each class

Assessment of understanding:
1. Unit test for 30 marks: subjective/objective/oral
2. group discussions
3.class room quiz competitions

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Unit-5

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1.	Index Number	5	Lecture, black board	**General objective**: to develop economics temperament **Specific objective**: to clear the concept and computation of Index Number Questions based on previous knowledge **Synopsis**: Introduction Meaning and definition of Index Number Characteristics of Index Numbers Utility and importance of Index Numbers Construction of index numbers

				Simple and weighted Index Number Fisher's ideal index number and reversal test Consumer price index numbers Homework after each class

	Time series analysis	4	Lecture, black board	**General objective**: to develop economics temperament
				Specific objective: to clear the concept of Time series
				Questions based on previous knowledge
				Synopsis:
				  Introduction
				  Meaning and definition of Time series
				  Causes of variations in Time series Data
				  Components of Time series
				  Importance of Time series
				  Measurement of trend
				  Graphical method
				  Method of least squares
				  Method of moving averages
				  Homework after each class

Assessment of understanding: 1. Unit test for 30 marks: subjective/objective/oral 2. group discussions 3.class room quiz competitions