FYUGP

ECONOMICS HONOURS/ RESEARCH

FOR UNDER GRADUATE COURSES UNDER NILAMBER - PITAMBER UNIVERSITY

Implemented from
Academic Session 2022-2026

Contents

HIGHLIGHTS OF REGULATIONS OF FYUGP

PROGRAMME DURATION
- The Full-time, Regular UG programme for a regular student shall be for a period of four years with multiple entry and multiple exit options.

- The session shall commence from 1st of July.

ELIGIBILITY

- The selection for admission will be primarily based on availability of seats in the Major subject and marks imposed by the institution. Merit point for selection will be based on marks obtained in Major subject at Class 12 (or equivalent level) or the aggregate marks of Class 12 (or equivalent level) if Marks of the Major subject is not available. Reservation norms of The Government of Jharkhand must be followed as amended in times.

ADMISSION PROCEDURE

- The reservation policy of the Government of Jharkhand shall apply in admission and the benefit of the same shall be given to the candidates belonging to the State of Jharkhand only. The candidates of other states in the reserved category shall be treated as General category candidates. Other relaxations or reservations shall be applicable as per the prevailing guidelines of the University for FYUGP.

ACADEMIC CALENDAR

- Each year the University shall draw out a calendar of academic and associated activities, which shall be strictly adhered to. The same is non-negotiable. Further, the Department will make all reasonable endeavors to deliver the programmes of study and other educational services as mentioned in its Information Brochure and website. However, circumstances may change prompting the Department to reserve the right to change the content and delivery of courses, discontinue or combine courses and introduce or withdraw areas of specialization.

PROGRAMME OVERVIEW/ SCHEME OF THE PROGRAMME

- Undergraduate degree programmes of either 3 or 4-year duration, with multiple entries and exit points and re-entry options within this period, with appropriate certifications such as:
    - Ø a Certificate after completing 1 year (2 semesters) of study in the chosen fields of study,
    - Ø a Diploma after 2 years (4 semesters) of study,
    - Ø a Bachelor after a 3-year (6 semesters) programme of study,
    - Ø a Bachelor (with Hons. / Research) after a 4-year (8 semesters) programme of study

Session 2022-26 onwards

VALIDITY OF REGISTRATION

.Validity of a registration for FYUGP will be for maximum for Seven years from the date of registration.

CALCULATION OF MARKS FOR THE PURPOSE OF RESULT   .

.Student's final marks and the result will be based on the marks obtained in Semester Internal Examination and End Semester Examination organized taken together.   .

.Passing in a subject will depend on the collective marks obtained in Semester internal and End Semester University Examination both. However, students must pass in Theory and Practical Examinations separately.

PROMOTION AND SPAN PERIOD

i. The Requisite Marks obtained by a student in a particular subject will be the criteria for promotion to the next Semester.

ii. No student will be detained in odd Semesters (I, III, V & VII).

iii. To get promotion from Semester-II to Semester-III a student will be required to pass in at least 75% of Courses in an academic year (a student has to pass in minimum 9 papers out of the total 12 papers. However, it will be necessary to procure pass marks in each of the paper before completion of the course.

iv. To get promotion from Semester-IV to Semester-V (taken together of Semester I, II, III & IV) a student has to pass in minimum 16 papers out of the total 22 papers.

v. Eligibility to get entry in Semester VII is to secure a minimum of 7.5 CGPA up to semester VI along with other criteria imposed by the Institution.

PUBLICATION OF RESULT

- The result if the examination shall be notified by the Controller of Examinations of the University in different newspapers and also on University website.

- If a student is found indulged in any kind of malpractice/ unfair means during examination, the examination taken by the student for the semester will be cancelled. The candidate has to reappear in all the papers of the session with the students of next coming session and his one year will be detained. However, marks secured by the candidate in all previous semesters will remain unaffected.

- There shall be no Supplementary or Re-examination for any subject. Students who have failed in any subject in an even semester may appear in the subsequent even semester examination for clearing the backlog. Similarly, the students who have failed in any subject in an odd semester may appear in the subsequent odd semester examination for clearing the backlog.

- Regulation related with any concern not mentioned above shall be guided by the Regulations of the University for FYUGP.

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COURSE STUCTURE FOR FYUGP 'HONOURS/ RESEARCH'

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Table 1: Credit Framework for Four Year Undergraduate Programme (FYUGP) under State Universities of Jharkhand [Total Credits = 176]

Semester	Common Courses (29)									Introductory Courses (15)		Internship/ Project (4)	Major* (54) + Adv. Major (24)	Minor** (32)		Research Courses (18)				Total Credit
	Language and Communication Skills(Module including Modern Indian Language TRL) (6)	Language Skills(Communication English)(6)	Environmental Studies (3)	Understanding India(2)	Health & Wellness, Sports & Fitness, Yoga(2)	Digital Education (3)	Mathematical & Computational Thinking and Analysis(2)	Value-Based education/Global citizen	Community Engagement/NSS/NCC/	Introductory course[Natural / Social] Sci./Humanities(9)	Introductory course [Vocational Studies](6)			Natural Sci./Humanities/Social (18)	Vocational Studies (14)	Research Methodology Courses (6)	Research Proposal, Literature Review of (4)	Research Internship/ Field Wor. (4)	Preparation of the Research Report/Project(4)	
1	2	3	4	5	6	7	8			9	10	11	14	15	16	17	18	19	20	21
I	6		2	2						3	3		6							22
II		6				2	2			3	3		6							22
Exit Point: Undergraduate Certificate																				
III		3				3				3	3	4	6							22
IV													6+6	6	4					22
Exit Point: Undergraduate Diploma																				
V													6+6	6	4					22

										6+6	6	4					22
VI																	

Exit Point: Bachelor's Degree

VII										6+6 (Adv. Topics)			6	4			22
VIII										6+6 (Adv. Topics)	2				4	4	22

Exit Point: Bachelor's Degree with Hons. /Research

*There will be four disciplinary areas: A-Natural Science, B-Humanities, C-Social Science, and D-Commerce; each having basket of courses. A student will have to select a 'Major' from any of the four disciplinary areas (out of A, B, C & D). The selection for admission will be primarily based on availability of seats in Major and marks imposed by the institution.

**A student has to select three subjects for 'Introductory Regular Courses' from a pool of subjects associated with the Major offered by the institution. One of the three subjects will continue as 'Minor' from semester IV onwards, based on the academic interest and performance of the student. Session 2022-26 onwards

COURSES OF STUDY FOR FOUR YEAR UNDERGRADUATE PROGRAMME

Table 2: Course structure for Undergraduate Certificate Programme [May Exit after Sem.-II]

Semester	Common Courses			Introductory Courses		Major	Total Credits
Sem.-I	LCS (MIL/TRL)	Understanding India	Health & Wellness, Yoga Education, Sports & Fitness	IRC-1	IVS-1A	MJ-1	
	(6 Credits)	(2 Credits)	(2 Credits)	(3 Credits)	(3 Credits)	(6 Credits)	(22)
Sem.-II	LCS (English)	Global Citizenship Education	Mathematical & Computational Thinking	IRC-2	IVS-1B	MJ-2	
	(6 Credits)	(2 Credits)	(2 Credits)	(3 Credits)	(3 Credits)	(6 Credits)	(22)

Total = 44 Credits

(LCS: Language and Communication Skills; MIL: Modern Indian Languages; TRL: Tribal Regional Languages; IRC: Introductory Regular Courses; IVS: Introductory Vocational Studies, MJ: Major)

(AMJ: Advance Major; VSR: Vocational Studies associated with Research)

SEMESTER WISE COURSES OF STUDY FOR FOUR YEAR UNDERGRADUATE PROGRAMME   <u>2022 onwards</u>

Table 6: Semester wise Course Code and Credit Points:

Semester	Common, Introductory, Major, Minor, Vocational & Internship Courses		
	Code	Papers	Credits
I	CC-1	Language and Communication Skills (Modern Indian language including TRL)	6
	CC-2	Understanding India	2
	CC-3	Health & Wellness, Yoga Education, Sports & Fitness	2
	IRC-1	Introductory Regular Course-1	3
	IVS-1A	Introductory Vocational Studies-1	3
	MJ-1	Major paper 1 (Disciplinary/Interdisciplinary Major)	6
II	CC-4	Language and Communication Skills (English)	6
	CC-5	Mathematical & Computation Thinking Analysis	2
	CC-6	Global Citizenship Education & Education for Sustainable Development	2
	IRC-2	Introductory Regular Course-2	3
	IVS-1B	Introductory Vocational Studies-2	3
	MJ-2	Major paper 2 (Disciplinary/Interdisciplinary Major)	6
III	CC-7	Environmental Studies	3
	CC-8	Digital Education (Elementary Computer Applications)	3
	CC-9	Community Engagement & Service (NSS/ NCC/ Adult Education)	3
	IRC-3	Introductory Regular Course-3	3
	IAP	Internship/Apprenticeship/ Project	4
	MJ-3	Major paper 3 (Disciplinary/Interdisciplinary Major)	6
IV	MJ-4	Major paper 4 (Disciplinary/Interdisciplinary Major)	6

	MJ-5	Major paper 5 (Disciplinary/Interdisciplinary Major)	6
	MN-1	Minor Paper 1 (Disciplinary/Interdisciplinary Minor)	6
	VS-1	Vocational Studies-1 (Minor)	4
V	MJ-6	Major paper 6 (Disciplinary/Interdisciplinary Major)	6
	MJ-7	Major paper 7 (Disciplinary/Interdisciplinary Major)	6
	MN-2	Minor Paper 2 (Disciplinary/Interdisciplinary Minor)	6
	VS-2	Vocational Studies 2 (Minor)	4
VI	MJ-8	Major paper 8 (Disciplinary/Interdisciplinary Major)	6
	MJ-9	Major paper 9 (Disciplinary/Interdisciplinary Major)	6
	MN-3	Minor Paper 3 (Disciplinary/Interdisciplinary Minor)	6
	VS-3	Vocational Studies 3 (Minor)	4
VII	AMJ-1	Advance Major paper 1 (Disciplinary/Interdisciplinary Major)	6
	AMJ-2	Advance Major paper 2 (Disciplinary/Interdisciplinary Major)	6
	RC-1	Research Methodology	6
	RC-2	Research Proposal	4
VIII	AMJ-3	Advance Major paper 3 (Disciplinary/Interdisciplinary Major)	6
	AMJ-4	Advance Major paper 4 (Disciplinary/Interdisciplinary Major)	6
	RC-3	Research Internship/Field Work	4
	RC-4	Research Report	4
	VSR	Vocational Studies (Associated with Research)	2
		Total Credit	176

Abbreviations:

CC   Common Courses

IRC   Introductory Regular Courses

IVS   Introductory Vocational Studies

IAP   Internship/Apprenticeship/ Project

VS   Vocational Studies
MJ   Major Disciplinary/Interdisciplinary Courses
MN   Minor Disciplinary/Interdisciplinary Courses
AMJ Advance Major Disciplinary/Interdisciplinary Courses
RC   Research Courses
VSR Vocational Studies associated with Research

SEMESTER WISE COURSES IN ECONOMICS FOR FYUGP   2022
onwards

Table 7: Semester wise Examination Structure in Discipline Courses:

Semester	Common, Introductory, Major, Minor, Vocational & Internship Courses		Examination Structure			
	Code	Papers	Credits	Mid Semester Theory (F.M.)	End Semester Theory (F.M.)	End Semester Practical/ Viva (F.M.)
I	MJ-1	Introductory Economics	6	25	75	---
II	MJ-2	Introductory Macro Economics	6	25	75	---
III	MJ-3	Indian Economy: Principles and Policies	6	25	75	---
IV	MJ-4	Public Economics	6	25	75	---
	MJ-5	Theory of Statistics	6	25	75	---
V	MJ-6	Economics of Growth and Development	6	25	75	---
	MJ-7	Introductory Mathematical Economics	6	25	75	---
VI	MJ-8	History of Economic Thought	6	25	75	---
	MJ-9	International Economics	6	25	75	---
VII	AMJ-1	A. Advance Mathematical Economics B. Agricultural Economics	6	25	75	---
	AMJ-2	A. Demography B. Labour and Industrial Economics	6	25	75	---
	RC-1	Research Methodology	6	25	75	---

	RC-2	Research Proposal	4	25	75	---
	AMJ-3	A. Econometrics B. Problems of Indian Agriculture	6	25	75	---
	AMJ-4	A. Environmental Economics B. Jharkhand Economy	6	25	75	---
VIII	RC-3	Research Internship/Field Work	4	---	---	100
	RC-4	Research Report	4	---	---	100
	VSR	Vocational Studies (Associated With Research)	2	---	---	100
		Total Credit	98			

Table 8: Semester wise Course Code and Credit Points:

Semester	Introductory, Minor Courses			Examination Structure		
	Code	Papers	Credits	Mid Semester Theory (F.M.)	End Semester Theory (F.M.)	End Semester Practical/ Viva (F.M.)
I/ II/ III	IRC	Introductory Economics	3	---	100	---
IV	MN-1	Elementary Micro Economics	6	25	75	---
V	MN-2	Money, Banking, Public Finance and International Trade	6	25	75	---
VI	MN-3	Indian Economy	6	25	75	---
		Total Credit	21			

AIMS OF BACHELOR'S DEGREE PROGRAMME IN ECONOMICS

The broad aims of the LOCF for Economics are to:

i.   Train students in basic economic theory;
ii.   Equip students with the mathematical and statistical techniques necessary for a
iii.   proper understanding of the discipline;
iv.   Discuss real world economic issues and problems facing the country and the world;
v.   Enable students to understand proper policy responses to economic problems;
vi.   Train students to collect primary data and learn sampling techniques;
vii.   Train students to use statistical and econometric methods to arrive at conclusions about the validity of economic theories;
viii.   Train students to learn the art of economic modelling.

To provide knowledge and skill to the students' thus enabling them to undertake further studies in Economics in related areas or multidisciplinary areas that can be helpful for self- employment/ entrepreneurship

PROGRAM LEARNING OUTCOMES

The broad programme learning outcomes in Economics are:

1. Get an understanding of basic economic theory;
2. Learn the mathematical and statistical techniques necessary for a proper
3. understanding of the discipline;
4. Get an introduction to real world economic issues and problems facing the
5. country and the world;
6. Gain an understanding of proper policy responses to economic problems;
7. Get trained to collect primary data and learn sampling techniques;
8. Learn to use scientific empirical methods to arrive at conclusions about the
9. validity of economic theories;
10. Get trained in the art of economic modelling.

Session 2022-26 onwards

SEMESTER I

I.   MAJOR COURSE –MJ 1:   (Credits: Theory-06)

Marks: 25 (5 Attd. + 20 SIE: 1Hr) + 75 (ESE: 3Hrs) = 100	Pass Marks: Th (SIE + ESE) = 40

Instruction to Question Setter for

Semester Internal Examination (SIE 20+5=25 marks):
There will be two group of questions. Question No.1 will be very short answer type in Group A consisting of five questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type two questions of ten marks each, out of which any one to answer.

        The Semester Internal Examination shall have two components. (a) One Semester Internal Assessment Test (SIA) of 10 Marks, (b) Class Attendance Score (CAS) of 5 marks. Conversion of Attendance into score may be as follows: (AttendanceUpto 45%, 1mark; 45<Attd.<55, 2 marks; 55<Attd.<65, 3 marks; 65<Attd.<75, 4 marks; 75<Attd, 5 marks)

End Semester Examination (ESE 75 marks):
There will be two group of questions. Group A is compulsory which will contain three questions. Question No.1 will be very short answer type consisting of five questions of 1 mark each. Question No.2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six questions of fifteen marks each, out of which any four are to answer.

Note: There may be subdivisions in each question asked in Theory Examinations.

INTRODUCTORY ECONOMICS   Theory: 60 Lectures

Course Objectives:

1. This course aims to train students in the basic economic theory.
2. It will also enable them to discuss real world economic issues & problems related to Consumer's Behaviour, Production, Market, Distribution & Welfare.

Course Learning Outcomes:

1. The student will be able to understand the Basic Economic Theory.
2. It will also enable them to learn to use empirical methods to derive conclusions about the validity of Economic Theories.

Course Content:

 UNIT- I   Introduction
1. Definition of Economics: Adam Smith, Alfred Marshall, Lionel Robbins & Samuelson.
2. Micro and Macro Economics: Difference and Scope.
3. Normative and Positive Economics.

4. **UNIT- II Consumer's Behaviour**

1. Utility; Marshallian Utility Analysis- Law of Diminishing Marginal Utility; Law of EquiMarginal Utility;
2. Indifference curve Analysis- Definition; Properties of Indifference curves; Budget line; Consumer's Equilibrium; Price Effect; Income Effect; Substitution Effect; Application of Indifference Curve Analysis
3. Demand- Meaning; Factors affecting Demand; Law of Demand; Elasticity of Demand – Meaning; Types; Measurement
4. Consumer's Surplus –Concept; Measurement with the help of Marshallian Utility Analysis and Indifference Curve Analysis

UNIT- III   Theory of Production
1. Factors of production.
2. Law of Variable Proportions (Short run Law of Production).
3. Law of Returns to Scale (Long-run Law of Production).
4. Isoquant- Definition; Properties, Cobb Douglas Production Function.
5. Producer's Equilibrium –Concept & Measurement with the help of Isoquant and Isocost.
6. Traditional Theory of Cost.

UNIT- IV Market Forms and Equilibrium
1. Types of Markets - Perfect and Imperfect; Revenue Curves in different forms of Markets
2. Perfect Competition- Characteristics; Equilibrium of Firms in short run and long run; Equilibrium of Industry in short run and long run
3. Monopoly- Characteristics; Equilibrium of Firm in short run and long run; Degrees of Price Discrimination & its Equilibrium
4. Oligopoly- Characteristics; Collusive and Non-Collusive Oligopoly; Paul M. Sweezy's model; Price Leadership model
5. Monopolistic Competition- Meaning; Characteristics

UNIT- V Theories of Distribution
1. Rent- Classical Theory; Modern Theory
2. Interest- Classical Theory; IS-LM Theory; Keynesian Theory
3. Wages- Classical Theory; Marginal Productivity Theory of Distribution
4. Profit- Innovation Theory; Risk Bearing Theory

UNIT- VI Welfare Economics
1. Meaning of Welfare, Economic Welfare, Individual Welfare and Social Welfare
2. Pigouvian Welfare Economics
3. Pareto Optimality; Pareto Optimality in Production, Consumption and Exchange

4. Compensation Criteria
5. Social Welfare Function

Reference Books:
1. Varian, Hal R., Intermediate Microeconomics,8TH Edition, Affiliated East-West Press.
2. Stonier, Alfred W.& Hague, Douglas C., A Textbook of Economic Theory,5TH Edition, Pearson.
3. Koutsoyiannis, A., Modern Microeconomics, 2ND Edition, Palgrave Macmillan.
4. Pindyck, Robert &Rubinfeld, Daniel. Microeconomics ,8th Edition, Pearson

SEMESTER II

I.   MAJOR COURSE- MJ 2:   (Credits: Theory-06)

Marks: 25 (5 Attd. + 20 SIE: 1Hr) + 75 (ESE: 3Hrs) = 100   Pass Marks: Th (SIE + ESE) = 40

Instruction to Question Setter for

Semester Internal Examination (SIE 20+5=25 marks):
There will be two group of questions. Question No.1 will be very short answer type in Group A consisting of five questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type two questions of ten marks each, out of which any one to answer.

        The Semester Internal Examination shall have two components. (a) One Semester Internal Assessment Test (SIA) of 10 Marks, (b) Class Attendance Score (CAS) of 5 marks. Conversion of Attendance into score may be as follows: (AttendanceUpto 45%, 1mark; 45<Attd.<55, 2 marks; 55<Attd.<65, 3 marks; 65<Attd.<75, 4 marks; 75<Attd, 5 marks)

End Semester Examination (ESE 75 marks):
There will be two group of questions. Group A is compulsory which will contain three questions. Question No.1 will be very short answer type consisting of five questions of 1 mark each. Question No.2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six questions of fifteen marks each, out of which any four are to answer. Note: There may be subdivisions in each question asked in Theory Examinations.

INTRODUCTORY MACRO ECONOMICS

                                                                 Theory: 60 Lectures

Course Objectives:

   1. The course aims to introduce the students to the basic concepts of Macro Economics which deals with the economy as a whole.

Course Learning Outcomes:

   1. After completing this course, the students will be able to explain the basic concepts of GDP, National Income, Money, Inflation, Functions of Central bank, Credit Creation and Credit Control, Trade Cycle and its different phases.

Course Content:

 UNIT- I   Introduction to Macroeconomics
   1 Macroeconomics, Meaning and
   Scope;
   2. Concept and Measurement of GDP, GNP, NDP and NNP at market price and factor cost;
   3. Methods of measuring National Income (Product Method, Expenditure, Income Method);
      4. Circular Flow of Income in a Two Sector, Three Sector and Four Sector Model; Real and Nominal GDP.

UNIT- II   Money
1   Functions of money.
2   Determinants of Demand for Money and Supply of Money.
3   Quantity Theory of Money – Cash Transaction and Cash Balance Approach; Keynesian 4 Theory of Money and Prices.

UNIT- III   Inflation
1   Definition and types of inflation.
2   Demand Pull and Cost Push Inflation.
3   Measures to control inflation- Fiscal and Monetary policy; 4 Phillips Curve.

UNIT- IV Banking
1   Objectives, Functions of Central bank;
2   Methods of Credit Control – Quantitative and Qualitative methods; 3 Monetary Policy- objectives and instruments.

UNIT- V Theories of Employment and Income
1   Classical theory of Employment; Keynesian theory of Effective Demand.
2   Consumption Function, Saving Function – MPC and MPS; Factor affecting Consumption Function; Investment Function- Autonomous and Induced Investment. 3 Marginal Efficiency of Capital (MEC) and Factors affecting MEC; 4 Keynesian Multiplier.

UNIT- VI Trade Cycle
1   Meaning, Phases of trade cycle;
2   Hawtrey's theory of trade cycle.
3   Monetary measures to control trade cycle.
4   Fiscal measures to control trade cycle

Reference Books:
1   Dornbusch, Fischer, Startz, Macro Economics, Mc Graw Hill, 11th edition, 2010.
2   N. Gregory Mankiw, Macro Economics, Worth Publishers, 11th edition, 2021.
3   Seth, M.L., Macro Economics, Laxmi Narayan Publications (Both in English & Hindi).
4   Ahuja, H.L., Advanced Macro Economics, S.Chand Publications.(Both in English & Hindi)

COURSES OF STUDY FOR INTRODUCTORY/ MINOR ELECTIVE FYUGP IN
"ECONOMICS"

SEMESTER I/ II/ III   INTRODUCTORY REGULAR COURSE   1 Paper

I.   INTRODUCTORY REGULAR COURSE (IRC)

(Credits: Theory-03)

Ø All Four Introductory & Minor Papers of Economics to be studied by the Students of Other than Economics Honours.

Ø Students of Economics Honours must Refer Content from the Syllabus of Opted Introductory & Minor Elective Subject.

Marks: 100 (ESE: 3Hrs) = 100	Pass Marks: Th (ESE) = 40

Instruction to Question Setter for

End Semester Examination (ESE 100 marks):
There will be two group of questions. Group A is compulsory which will contain three questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six questions of twenty marks each, out of which any four are to answer.

Note: There may be subdivisions in each question asked in Theory Examinations.

INTRODUCTORY ECONOMICS   Theory: 45 Lectures

Course Objectives:

1. This course is designed to introduce the students to the basic concepts and principles of Micro Economic theory comprising of central problems of the economy, national income, public finance and international trade.

Course Learning Outcomes:

1   The students will be able to understand the functioning of the economy at the micro and macro level.
2   They will also have an idea about the monetary and fiscal policies, taxes and development issues.
3   A study about the Jharkhand Economy will enlighten them about its growth and sectoral composition.

Course Content:

UNIT- I   Introduction
1   Definition of Economics;
4   Central problems of the economy;
5   Micro and Macro Economics - Meaning, difference, importance and limitations.

UNIT-II Micro Economics
1   Law of diminishing marginal utility; Law of Equi - marginal utility.
2   Law of demand and supply; Factors affecting demand and supply.
3   Elasticity of demand - types, measurement.
4   Market Equilibrium with the help Market demand and Market Supply.

UNIT-III Macro Economics
1   National income - different concepts.
2   Money - definition, functions.
3   Inflation - definition, Cost push and demand-pull inflation.
4   Commercial and Central Banks – definition and functions.
5   Monetary and Fiscal policies – meaning and objectives.

UNIT-IV Indian Economy
1   Sectoral growth of Indian Economy.
2   Large Scale Industries of India, Definition and classification of MSME sector;
3   Problems of Agricultural sector; Sources of Agricultural Credit in India; Green Revolution.
4   Jharkhand Economy - Growth and sectoral composition; sex, age, education, workforce and social composition.

UNIT-V Public Finance and International Trade
1 Taxes - sources, Direct and Indirect taxes.
2   Public expenditure; Public Debt; GST.
3   Comparative Cost Advantage Theory.
4   Balance of Payment- Meaning and Components

UNIT-VI Developmental Issues in
Economics 1 Millennium Development
Goals.
2 Concepts of Growth; Development; Poverty; Unemployment; Human Development.

Reference Books:
1   Ahuja, H.L, Principles of Microeconomics.22nd Edition, S. Chand Publications (English & Hindi).

2 Ahuja, H.L. Macroeconomics Theory & Policy. 20th Edition, S. Chand Publications (English & Hindi).

3 Varian, Hal R., Intermediate Microeconomics,8TH Edition, Affiliated East-West Press.

4 Mankiw, N. Gregory. Principles of Macroeconomics. 7TH Edition, Cengage Learning India.

5 Lekhi, R.K. & Singh, Joginder. Public Finance. 11TH Edition, Kalyani Publishers.

6 Mithani, D.M., Money, Banking, International Trade & Public Finance. 20TH Revised Edition, Himalayan Publication.

7 Dutt, R. & KPM Sundaram, Indian Economy, 57th Edition, S. Chand Publications.

8 Misra, J.P. &Singhai, J.C. AntarrashtriyaVyaparevamVitt, (2019). Sahitya Bhawan Publications.

9 Seth, M.L.,Money, Banking ,International Trade & Public Finance(2020). L.N. Agarwal Publication.

FORMAT OF QUESTION PAPER FOR SEMESTER INTERNAL EXAMINATION

Question format for 10 Marks:

F.M. =10

Subject/ Code
Time=1Hr.

Exam Year

General Instructions:

   i.   Group A carries very short answer type compulsory questions.

   ii.   Answer 1 out of 2 subjective/ descriptive questions given in Group B.

   iii.   Answer in your own words as far as practicable.

   iv.   Answer all sub parts of a question at one place.

   v.   Numbers in right indicate full marks of the question.

<div align="center">Group A</div>

1. i. .... ii. .... iii. .... iv. ....   [5x1=5]
     v.   ....

<div align="center">Group B</div>

2. ....   [5]

3. ....   [5]

Note: There may be subdivisions in each question asked in Theory Examination.

Question format for 20 Marks:

Subject/ Code

Exam Year

F.M. =20

Time=1Hr.

General Instructions:

   i.   Group A carries very short answer type compulsory questions.

   ii.   Answer 1 out of 2 subjective/ descriptive questions given in Group B.

   iii.   Answer in your own words as far as practicable.

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iv.   Answer all sub parts of a question at one place.

v.   Numbers in right indicate full marks of the questi

<u>Group A</u>

1.   [5x1=5]

    i. ....   ii. ....   iii. ....   iv. ....

    v.   ....

2. ....   [5]

<u>Group B</u>

3. ....   [10]

4. ....   [10]

Note: There may be subdivisions in each question asked in Theory Examination.

FORMAT OF QUESTION PAPER FOR END SEMESTER UNIVERSITY EXAMINATION

Question format for 50 Marks:

<div align="center">Subject/ Code</div>

F.M. = 0   Time=3Hrs.   Exam Year

General Instructions:

i.   Group A carries very short answer type compulsory questions.

ii.   Answer 3 out of 5 subjective/ descriptive questions given in Group B.

iii.   Answer in your own words as far as practicable.

iv.   Answer all sub parts of a question at one place.

v.   Numbers in right indicate full marks of the question.

<u>Group A</u>

1. i. .... ii. .... iii. .... iv. ....   [5x1=5]

    v.   ....

<u>Group B</u>

2. ....   [15]

3. ....   [15]

4. ....   [15]

5. ....   [15]

6. ....   [15]

Note: There may be subdivisions in each question asked in Theory Examination.

Question format for 60 Marks:

	Subject/ Code	
F.M. =60	Time=3Hrs.	Exam Year

General Instructions:

  i.   Group A carries very short answer type compulsory questions.

  ii.   Answer 3 out of 5 subjective/ descriptive questions given in Group B.

  iii. Answer in your own words as far as practicable.

  iv.   Answer all sub parts of a question at one place.

  v.   Numbers in right indicate full marks of the question.

<u>Group A</u>

1.   [5x1=5]

   i.   ....   ii.
   ....   iii.
   ....   iv.
   ....
   v.   ....

2. ....   [5]

3. ....   [5]

<u>Group B</u>

4. ....   [15]

5. ....   [15]

6. ....   [15]

7. ....   [15]

8. ....   [15]

Note: There may be subdivisions in each question asked in Theory Examination.

Question format for 75 Marks:

<div>

Subject/ Code

F.M. = 75   Time=3Hrs.   Exam Year

General Instructions:
   i.   Group A carries very short answer type compulsory questions.

   ii. Answer 4 out of 6 subjective/ descriptive questions given in Group B.

   iii. Answer in your own words as far as practicable.

   iv. Answer all sub parts of a question at one place.

   v.   Numbers in right indicate full marks of the question.

<u>Group A</u>

1.   [5x1=5]

   i.   ....   ii.
   ....   iii.
   ....   iv.
   ....
   v.   ....

2. ....   [5]

3. ....   [5]

<u>Group B</u>

4. ....   [15]

5. ....   [15]

6. ....   [15]

7. ....   [15]

8. ....   [15]

9. ....   [15]

Note: There may be subdivisions in each question asked in Theory Examination.

</div>

Question format for 100 Marks:

Subject/ Code		
F.M. = 100	Time=3Hrs.	Exam Year

General Instructions:

   i.   Group A carries very short answer type compulsory questions.

   ii.   Answer 4 out of 6 subjective/ descriptive questions given in Group B.

   iii.   Answer in your own words as far as practicable.

   iv.   Answer all sub parts of a question at one place.

   v.   Numbers in right indicate full marks of the question.

<u>Group A</u>

1.   vi.   ....   [10x1=10]

   i. .... ii.   vii.

  ....   iii.   viii.   ....

  ....   iv.   ix.   ....

  ....

                   x

2. v.   ....   [5]

3. ....   <u>Group B</u>   [5]

  ....

4. ....   [20]

5. 6. 7.   [20]

8. 9. ....   [20]

Note: ....   [20]

  ....   [20]

  ....   [20]

  ....

  ....

here may be subdivisions in each qu

xamination.