

SYLLABUS

ECONOMICS

PROGRAMME – Bachelor of Arts (B. A.) (Honours) in Economics
(Semester Mode)

(Approved by the 118th meeting of the Academic Council held on 27.12.2019)



DIRECTORATE OF OPEN AND DISTANCE LEARNING
DIBRUGARH UNIVERSITY
DIBRUGARH-786004
ASSAM, INDIA

SYLLABUS

B.A. (Honours) Economics

UNDER DIRECTORATE OF OPEN AND DISTANCE LEARNING

DIBRUGARH UNIVERSITY

(Approved by the 118th Meeting of Academic Council held on 27.12.2019)

The B.A. (Honours) Programme in Economics under Open and Distance Learning shall comprise 14 (Ten) courses of hundred marks each plus Environmental Studies as compulsory course that shall be graded.

There shall be 02 (Two) compulsory course in each of the first and third semester; 01 (One) elective course to be selected from two courses in each of the first and third semester; and 01 (One) core course is compulsory and 01 (one) course to be selected from five courses in each of the second and fourth semester; there shall be 03 (Three) compulsory courses in each of the fifth and sixth semester– a total of 16 (Sixteen) courses excluding Environmental Studies as a compulsory course. It is to be noted that elective courses selected in first and second semester shall be uniform for the rest of the semesters.

The snapshot of courses comprising the six semesters of B.A. (Honours) Programme in Economics under Open and Distance Learning are as follows:

COURSE STRUCTURE:

(All courses are compulsory)

Course code	Course Name	No. of Assignments	In Semester Marks	End Semester Marks	Total Marks of the course
ECOM-101	Microeconomic Theory	1	20	80	100
ENGG-101	English (English Communication)	1	20	80	100
Select any one course as Elective out of the following two Core courses throughout the remaining Semesters					
ASMG-101	Assamese Poetry and Drama	1	20	80	100
ALTE-101	Alternative English	1	20	80	100

SECOND SEMESTER
(All courses are compulsory)

Course code	Course Name	No. of Assignments	In Semester Marks	End Semester Marks	Total Marks of the course
ECOM-201	Macroeconomic Theory	1	20	80	100
Select any one course as Core out of the following five courses throughout the remaining Semesters					
EDUG-201	Education (Principles of Education)	1	20	80	100
ECOG-201	Economics (Microeconomics)	1	20	80	100
SOCG-201	Sociology (Principles of Sociology)	1	20	80	100
PSCG-201	Political science (Political Theory)	1	20	80	100
EAS-201	Elective Assamese (Core) (Assamese Poetry and Drama)	1	20	80	100

THIRD SEMESTER
(All courses are compulsory)

Course code	Course Name	No. of Assignments	In Semester Marks	End Semester Marks	Total Marks of each course
ECOM-301	Public Economics	1	20	80	100
ENG-301	English (Prose and Poetry)	1	20	80	100
Any one course as Elective out of the following two Core courses as per the previous selection					
ALTE-301	Alternative English (Short Stories)	1	20	80	100
ASM-301	Assamese (MIL) (Assamese Prose Literature and Grammar)	1	20	80	100

FOURTH SEMESTER
(All courses are compulsory)

Course code	Course Name	No. of Assignments	In Semester Marks	End Semester Marks	Total Marks of each course
ECOM-401	Statistics for Economics	1	20	80	100
EVS-401	Environmental Studies	---			100
Any one course as Core out of the following five courses as per the previous selection					
EDUG-401	Education (Psychological Foundations of Education and Educational Statistics)	1			100
ECOG-401	Economics (Macroeconomics)	1	20	80	100
SOCG-401	Sociology (Society in India)	1	20	80	100
PSCG-401	Political Science (Comparative Government)	1	20	80	100
EAS-401	Assamese (Core) (Assamese Prose Literature)	1	20	80	100

FIFTH SEMESTER
(All courses are compulsory)

Course code	Course Name	No. of Assignments	In Semester Marks	End Semester Marks	Total Marks of each course
ECOM-501	International Economics	1	20	80	100
ECOM-502	Environmental Economics	1	20	80	100
ECOM-503	History of Economic Thought	1	20	80	100

SIXTH SEMESTER

(All courses are compulsory)

Course code	Course Name	No. of Assignments	In Semester Marks	End Semester Marks	Total Marks of each course
ECOM-601	Development Economics	1	20	80	100
ECOM-602	Mathematics for Economics	1	20	80	100
ECOM-603	Issues of Indian Economy with Special Reference to North –East India	1	20	80	100

1.0 Schedule of Programme:

An Under-Graduate programme under Distance Education shall be conducted in six parts – (Semester I, Semester II, Semester III, Semester IV, Semester V and Semester VI). The schedule for the Distance Education System shall be as shown below:

- (i) Odd Semesters (i.e., First and Third Semester including End Semester Examinations)
- (ii) Even Semesters (i.e., Second and Fourth Semester including End Semester Examinations)

The total marks in an Under-Graduate Programme in Open and Distance Learning shall be as follows:

- a) All the B.A. /BCA / B.Com. Programmes of DODL, D.U. are of 3-years duration consisting of six semesters.
- b) Total marks for the B.A. (Honours) Programmes of DODL, D.U. comprising of six semesters shall be 1600 per Programme.
- c) 20% of the marks in each course shall be assessed through assignments.
- d) Rest 80% of the marks in each course (paper) shall be assessed through University End Semester Examination.

The syllabus for each course (paper) shall be divided into blocks and units

2.0 Assignment

2.1 Assignment shall be a compulsory component of the evaluation process.

2.2 **20%** of each course (paper) shall be assessed through Assignments (Internal Assessment – In Semester Examination). Rest **80%** of the marks in each course (paper) shall be assessed through University End Semester Examination

2.3 A candidate may submit assignments in the office of the Directorate of Open and Distance Learning or at the Study Centres within the stipulated time. Subsequently the study centres shall transmit all the assignments programme-wise and course-wise to the office of the DODL for assessment.

2.4 Marks secured on the assignments by the candidates, who appeared in the examinations but failed, shall be carried over to the next permissible chances.

2.5 Marks secured on the assignments by the candidates who filled in the examination forms but did not appear in the examination, shall also be carried over the next permissible chances.

2.6 A candidate who fails to submit the assignments as per clauses shall be awarded zero in the In-Semester Examination in the course where assignment(s) is (are) not submitted.

2.7 The Internal Assessment evaluation system for the Undergraduate Programme under DODL, Dibrugarh University may also be assessed and evaluated in OMR (Optical Marks Response) Sheet through Multiple Choice Objective Type Questions and Answers by conducting mid-term examinations.

3.0 Examination and Evaluation

3.1 Examination and Evaluation shall be done on a continuous basis.

3.2 There shall be 20% marks for internal assessment (In Semester) and 80% marks for End Semester Examination in each course during every Semester.

3.3 There shall be no provision for re-evaluation of the answer-scripts of the End Semester Examinations. However, a candidate may apply for re-scrutiny.

3.4 Internal assessment is assignment based or OMR based.

3.5 End Semester Examination:

3.5.1 There shall be one End Semester Examination carrying 80% marks in each course of a Semester covering the entire syllabus prescribed for the course. The End Semester Examination is normally a written / laboratory-based examination.

3.5.2 The Controller of Examinations shall then make necessary arrangements for notifying the dates of the End Semester Examinations and other procedures as per Dibrugarh University Rules (at least 20 days in advance) and the Academic Calendar / Date Sheet notified by the University / DODL, Dibrugarh University.

3.5.3 The End Semester Examination for each course shall be of three hours duration.

3.5.4 Setting of question papers, moderation of question papers, evaluation of answer scripts, scrutiny, tabulation of marks etc. and announcement of result of results, shall be governed by the Dibrugarh University Examination Ordinance 1972 (as emended up to date).

3.6 Betterment Examination:

3.6.1 A learner shall be entitled to take the “Betterment Examination” in any two theory courses of any of the six semesters after passing the Sixth Semester Examination only once. In this case the higher marks secured by the student shall be retained. The learner shall have to apply for betterment examination within one year after passing the Sixth Semester Examination.

3.6.2 No betterment shall be allowed in the practical examination.

3.7 A learner shall be declared as passed a course, provided he / she secures –

3.7.1 at least 30% marks in each course (paper) in the End Semester Examination.

3.7.2 at least 30% marks in the course (paper) in aggregate in the In-and End-Semester Examination.

3.8 A learner shall be declared as passed a Semester, provided he / she passes all the courses of a Semester independently.

3.9 The marks of In – Semester Examinations (i.e., Internal Assessment) obtained by the learner shall be carried over for declaring any result.

3.10 A learner who fails or does not appear in one or more courses of any End Semester Examinations up to Sixth Semester shall be provisionally promoted to the next higher Semester with the failed course(s) as carry over course(s). Such learners will be eligible to appear in the carry over course in the next regular examinations of those courses. However, the following restrictions shall be applicable:

“A learner shall be entitled to avail the chance for a maximum of 6 consecutive years from the date of admission to clear a course or courses as well as the whole programme”.

- 3.11** If a learner clears the Sixth Semester Examination before clearing all the courses of the previous semesters, the result of such candidate shall be kept withheld and his / her results shall be announced only after he / she clears the courses of the previous semesters.
- 3.12** A learner must pass all his / her Semester Examinations within 6 years from the date of admission to the First Semester of any programme.
- 3.13** A learner shall be declared to have passed the Six Semester Degree B.A. / B.Com. Programme provided he / she has passed all the Semesters and in all the course separately. The system of evaluation in DODL, D.U. is different from that of the Conventional Department of the University. It has a multi-tier system of evaluation:
- 3.14.1 Self-assessment exercise within each unit of study.
- 3.14.2 Continuous evaluation mainly through assignments and/or Internal Assessment Examination through Multiple Choice Questions (MCQ) using OMR sheet.
- 3.14.3 Term-end examination.
- 3.14.4 Project work (Programme specific).
- 3.15** The marks secured by a student in the Assignment / IA – In Semester Examination (20% of each course) is added with the marks secured in that course in End Semester examination which is 80% of the course.
- 3.16** The degrees shall be offered to each learner, who has passed the Sixth Semester Degree B.A. / B.Com. Programme in the following manner:

B.A. /B.Com. General Programme		B.A. (Hons) Programme	
60% and above marks in aggregate	First Division	60% and above marks in Hons. Courses in aggregate	First Class
45% and above but less than 60% marks in aggregate	Second Division	45% and above but less than 60% marks in Hons. Courses in aggregate	Second Class
30% and above but less than 45% marks in aggregate	Simple Pass	30% and above but less than 45% marks in Hons. Courses in aggregate	Simple Pass (the same Degree shall be treated as general Degree for B.A. / B.Com. Programme)
A learner, who secures 60% and above marks in all the Courses individually in all the semesters shall be declared have passed with First Division (in case of Learners pursuing General Programme) with Distinction or First Class (in case of Learners pursuing Hons. Programme) with Distinction .			

- 3.17** Result of the learners appeared in the ‘Betterment’ examination shall not be counted for the award of Prizes / Medals / Rank or Distinction.
- 3.18** A learner shall have to pay a prescribed fee to appear in the ‘Betterment’ Examination fixed by the University from time to time.

4.0 Transcript

The University may issue consolidated Transcript on request to the Controller of Examinations which shall contain marks mentioning the Course Title in detail, medium of instruction and programme duration.

4.1 Rules for admission of Unsuccessful and Absentee Candidates

Unsuccessful learners who fail to complete the programme within the stipulated time may take readmission in the programme by paying fees fixed by the University from time to time.

- 4.2** For any matter not covered under these Regulations for the Directorate of Open and Distance Learning, the existing Dibrugarh University Rules, Ordinances and the Dibrugarh University Act, 1965 (as amended), The Dibrugarh University Examination Ordinance, 1972 (as amended up to date) and the Dibrugarh University Distance Education Ordinance, 2006 (amended up to date) shall be applicable.

Detailed syllabus:
B.A (Honours) in Economics: 1st Semester

Course: ECOM-101 (First Semester)

Microeconomic Theory

Total Marks: 100

Block I: Basic Concepts of Microeconomics and Theory of Demand

Marks-20

Basic Concepts: Approaches to Economics: Microeconomics and Macro-economics, Definition and scope of microeconomics, Types of Analysis: Statics, Comparative Statics and Dynamics; Microeconomic Models: Assumptions and Reality.

The Laws of Demand and Supply: Individual and Market Demand and Supply; Market Equilibrium and the Impact of Changes in Demand and Supply; Price Elasticity of Demand and Supply; Arc and Point Elasticities; Income and Cross Elasticities of Demand; Relationship between Elasticity of Demand, Price, Total Revenue and Marginal Revenue.

Theory of Consumer Behaviour: The Cardinal Utility Theory: Assumptions; Equilibrium of the consumer; Derivation of the consumer's demand curve; The Indifference Curves Theory : Assumptions and Properties of the Indifference Curves; Budget Constraint and Equilibrium of the Consumer; Derivation of the Demand Curve using Indifference Curve Approach: Income-Consumption and Engel Curves; Substitution and Income Effects of a Price Change - for Normal, Inferior and Giffen Goods; Revealed Preference Hypothesis.

Block II: Theory of Production and Costs

Marks-20

Theory of Production: Production function, Isoquants, Ridge lines, Law of Variable Proportions, Laws of Returns to Scale, Technological Progress and Production Function, Choice of Optimal Combination of Factors of Production - Maximization of Output subject to cost constraint, Minimization of cost for a given level of output; Choice of Optimal Expansion Path.

Theory of Costs: Traditional theory of cost, short run and long run cost curves - their shapes and interrelation; the envelope curve; Modern theory of cost.

Block III: Theory of Product Pricing

Marks-20

Theory of firm: Objectives of the Firm and Market Structure; Rules for Profit Maximization; the Concept of Break-even Point and its Practical Utilities ; Equilibrium of the Firm and Industry under Perfect Competition ; Short Run Equilibrium of the Firm; Derivation of the Supply curve of the Firm and the Industry in the Short-Run; Short-Run Equilibrium of the Industry; Equilibrium of the Firm and Industry in the Long-Run; Optimal Resource Allocation; Derivation of the Long-Run Supply Curves of Constant, Increasing and Decreasing Cost Industries.

Pricing in Monopoly: Short-Run and Long-Run Equilibrium of the Monopolist; Price Discrimination; Price regulation and Natural Monopoly; Comparison between Monopoly and Monopsony; Sources of Monopoly and Monopsony Power; Bilateral Monopoly.

Monopolistic Competition and Oligopoly Market: Short Run and Long Run Equilibrium under Monopolistic Competition; Monopolistic Competition and Economic Efficiency; Definition, Characteristics and types of Oligopoly.

Block IV: Theory of Distribution**Marks-20**

Theory of Factor Pricing: Theory of Distribution and Factor Pricing: Marginal Productivity Theory, Euler's Theorem and Adding Up Controversy.

Theory of Rent, Wages, Interest and Profit: Rent: Ricardo's Theory of Rent, Scarcity vs Differential Rent, Quasi Rent, Rent and Transfer Earnings. Wages: Classical and Modern Theories of wage determination, Collective Bargaining, Robinson's Theory of Exploitation. Interest: Classical, Neo-Classical, Keynesian Theories of Interest; Profit: Risk and Uncertainty Bearing Theories of Profits.

Block V: Welfare Economics**Marks-20**

Classical Welfare Economics: Nature and Scope, Individual Welfare and Social Welfare; Pigou's theory of Economic Welfare and Pareto's optimality Theory.

New Welfare Economics: Kaldor-Hicks Compensation Principle, Scitovsky's Criterion, Social Welfare Function, Arrow's Theory of Social Choice; Sen's contribution to Welfare Economics.

Recommended Books and Suggested Readings:

1. Rubinfeld & Pyndick: Microeconomics, Pearson Education.
2. Stonier, A.W. and Hague, D.C.: A text Book of Economic Theory, Longman.
3. Chopra, P.N.: Advanced Economic Theory, Kalyani Publishers, Ludhiana.
4. Ahuja, H. L.: Advanced Economic Theory - Micro Economic Analysis, S. Chand & Co., New Delhi.
5. Samuelson P.A.: "Economics", McGraw Hill.
6. Koutsoyiannis, A.: Modern Microeconomics, ELBS with Macmillan, London.

Course: English (ENGG-101) (Compulsory) (First Semester)**English Communication****Total Marks: 100****Block I: Reading Skills****Marks-25**

Reading Comprehension, Reading Precise.

Block II: Writing Skills – I**Marks-25**

Sentence making from Idioms, Paragraph Writing, Note Making / Writing Memos / Short Notes.

Block III: Writing Skills – II**Marks-30**

Report Writing, Letter Writing.

Block IV: Interpretative Skills & Applications**Marks-20**

Caption / Heading and Title Writing, Transcoding Information from Charts, Graphs, Visuals etc.

Recommended Books and Suggested Readings:

1. The Written Word, Vandana Singh/OUP

Select any one course as Elective out of the following two Core courses (ALTE-101 or ASMG-101)

Course: ALTE-101(Elective) (First Semester)

Alternative English

Total Marks: 100

Block I: Modern Drama

Marks-25

Shaw as a modern dramatist, Arms and the Man, G.B. Shaw.

Block II: Poetry 1

Marks-20

Shakespeare, "You, too, Brutus", "Winter"; Cowper, "The Poplar Field"; Wordsworth, "The Green Linnet".

Block III: Poetry 2

Marks-20

Hopkins, "Binsey Poplars"; Durrell, "Sarajevo"; Eliot, "To the Indians who died in Africa".

Block IV: Poetry 3

Marks-20

Seth From Golden Gate ("Cats and Scholars"); Ramanujam, "Invisible Bodies"; Heaney, "The Plantation".

Block V: Essay

Marks-15

What is an Essay? Essay and its types.

Recommended Books and Suggested Readings:

1. G. K. Chesterton, "George Bernard Shaw" London (John Lano, 1990, enlarged 1935).
2. J. P. Hackett. "Shaw, George versus Bernard, London (Sheet & Ward), 1937
3. Peter Alexander (ed), "Shakespeare : Complete Works", the English Language Book Society and Collins. London 1980.
4. Alexander, LG. "Essays and Letter writing". Drient Longman LTD, 2007
5. Willian J. Long, "English Literature : Its History and Its Significance". Kalyani Publishers, 1977
6. While, Norman. "Hopkine – A Literary Biography" Oxford University Press
7. Scofield , Martin. "T.S. Eliot: The Poems". Cambridge University Press, 1988
8. Naik, M. K. A History of Indian English Literature, Sahitya Academy, New Delhi, 2004
9. King, Bruce. "Three Indian Poets(Nissim Ezekiel, A. K. Ramanujan, Dom Moraes)". Oxford University Press, 1991
10. D' Donoghue, Bernard. " The Cambridge Companion to Seanus Heavy. 2009.

Course: ASMG-101 (Elective) (First Semester)

Assamese (MIL)

(অসমীয়া কবিতা আৰু নাটক)

মূল্যাংক-১০০

খণ্ড-১	অসমীয়া কবিতা পাঠ্যপুথি : সঞ্চয়ন : মহেশ্বৰ নেওগ (সম্পাদনা)	
গোট-১	অসমীয়া কবিতাৰ ইতিহাস	মূল্যাংক-১২
গোট-২	পুৰণি অসমীয়া কবিতা (নিৰ্বাচিত কবিতা) ৰামায়ণৰ পৰা- (সুন্দৰাকাণ্ডৰ প্ৰথম অংশ – সুগন্ধিত বহয় পৰনলৈকে) : মাধৱ কন্দলি হৰমোহনৰ পৰা (প্ৰথম অংশ) : শঙ্কৰদেৱ ভাগৱত পুৰাণৰ পৰা (দশম স্কন্ধ) : পীতাম্বৰ কবি	মূল্যাংক-১৬
গোট-৩	ৰোমান্টিক যুগ (নিৰ্বাচিত কবিতা) মাধুৰী : চন্দ্ৰকুমাৰ আগৰৱালা গোলাপ : ৰঘুনাথ চৌধাৰী পৰমতৃষ্ণা : নলিনীবালা দেৱী	মূল্যাংক-১৬
গোট-৪	আধুনিক যুগ (নিৰ্বাচিত কবিতা) পোহৰতকৈ এন্ধাৰ ভাল : হেম বৰুৱা বোধিদ্ৰুমৰ খৰি : নৱকান্ত বৰুৱা আঘোণৰ কুঁৱলী : কেশৱ মহন্ত	মূল্যাংক-১৬
খণ্ড-২	অসমীয়া নাটক	
গোট-১	অসমীয়া নাটকৰ উদ্ভৱ আৰু বিকাশ	মূল্যাংক-১০
গোট-২	প্ৰাচীন নাটক পাৰিজাত হৰণ : শঙ্কৰদেৱ ভোজন বেহাৰ : মাধৱদেৱ	মূল্যাংক-১৫
গোট-৩	আধুনিক নাটক চক্ৰধ্বজ সিংহ : লক্ষ্মীনাথ বেজবৰুৱা নৰকাসুৰ : অতুলচন্দ্ৰ হাজৰিকা	মূল্যাংক-১৫

প্ৰসঙ্গ পুথিঃ

আধুনিক অসমীয়া কবিতা	: চন্দ্ৰ কটকী
অসমীয়া কবিতা	: কৰবী ডেকা হাজৰিকা
অসমীয়া কবি আৰু কবিতা	: কৰবী ডেকা হাজৰিকা
কবিতাৰ সৌৰভ	: প্ৰহ্লাদ কুমাৰ বৰুৱা
অসমীয়া নাট্য সাহিত্য	: সত্যেন্দ্ৰনাথ শৰ্মা
নাটক আৰু অভিনয় প্ৰসঙ্গ	: সত্য প্ৰসাদ বৰুৱা
অসমীয়া নাট্য সাহিত্যৰ জিলিঙনি	: হৰিশ্চন্দ্ৰ ভট্টাচাৰ্য
অসমীয়া লোক নাট্য পৰম্পৰা	: শৈলেন ভৰালী
নাট্যকলাঃ দেশী আৰু বিদেশী	: শৈলেন ভৰালী
অসমীয়া লোক নাট্য	: ৰাম গোস্বামী

B.A (Honours) in Economics: 2nd Semester

Course: ECOM-201 (Second Semester)

Macroeconomic Theory

Total Marks: 100

Block I: National Income

Marks-20

National Income Accounting Concepts: Concepts of Gross Value Addition and Net Value Addition, GDP, GNP and national income, approaches to calculating GDP, Nominal and real GDP; GDP and Welfare; Limitation of the GDP concept; Personal income, Circular flow of National Income in a Two sector Economy.

Circular Flow of National Income and Capital Formation: Circular flow of national income in two, three and four sector economy; Gross capital formation, Net capital formation. Capital output ratio, National income and economic welfare.

Block II: Theories of Aggregate Income and Employment

Marks-20

The Classical Theory of Employment: The Classical theory of Employment; Assumptions; Determination of Output and Employment Say's Law of Market: Propositions, Implication and Criticisms: Keynes criticism of Classical Theory.

The Keynesian Theory of Employment: The Principle of Effective Demand: Aggregate demand and Aggregate supply price; Determination of Effective Demand and its importance. Keynes Theory of Income, Output and Employment; Classical Vs. Keynesian models of Income and Employment, Criticism of Keynesian Theory of Employment.

Block III: Theories of Consumption Function and Investment Function

Marks-20

Theories of Consumption Function: Consumption Function: Meaning and Properties; Significance of MPC; Keynes's Psychological Law of Consumption; Propositions, Assumptions and Implication; Determinations of Consumption Function. Absolute, Relative, Permanent and Life Cycle Hypotheses.

Investment Function: Basic concepts of investment: Gross and Net, Induced and Autonomous; Marginal efficiency of capital; Marginal efficiency of capital and rate of investment; Marginal efficiency of investment; Investment multiplier.

Block IV: Product and Money Market Equilibrium

Marks-20

IS-LM curve Model: Rate of interest and IS-LM Analysis: Determination of Interest rate: Classical and Keynesian; Product market and the IS curve, Money Market and the LM curve, Determination of Equilibrium income and interest rate.

IS-LM curve Model and Policy Effectiveness: The integrated IS-LM model; features of IS and LM curves; Effectiveness of monetary and fiscal policies in IS-LM framework.

Block V: Theories of Money, Inflation and Trade Cycle

Marks-20

Theories of Money and Inflation: Quantity theory of Money-Cash Transactions and Cash Balance Approaches; Friedman's Restatement of the Quantity Theory of Money: Inflation and Deflation: Inflation meaning, types causes and effects; Cost-push and Demand pull inflation; Inflationary gap; Sectoral demand shift theory; Deflation meaning effects; Inflation Vs. deflation; Stagflation; Inflation and Unemployment: Philips curve; Stagflation and Policies to cure Stagflation.

Theories of Trade Cycle: Meaning types and phases; Theories of Business Cycle Hawtrey's monetary theory, Keynes views on trade cycle; Schumpeter Innovation Theory, The cob-web theory; Control of business cycles.

Block VI: Banking

Marks-20

Commercial Banking: Commercial Banking, functions, credit creation, role and problems of commercial banks in India. Scheduled commercial banks –Structure; Scheduled cooperative banks; portfolio management, Mechanism of Credit Creation, Non-performing assets; Rural Banking.

Central Banking: Central Banking-evolution, power, functions and role, Measures of credit control; Non-Banking Financial Intermediaries in India Types, Functions and Role, Control of Non-Banking Financial Intermediaries.

Recommended Books and Suggested Readings:

1. Sikdar Soumyen: Principles of Macroeconomic, Oxford textbooks
2. D. Souza, Errol: Macroeconomics, Pearson Education.
3. Dronbusch, Fisher and Startz: Macroeconomics, Theory, Tata Mcgraw Hill.
4. Mankiw, N Gregory: Macroeconomics, Worth.
5. Hall, Robert & Papell, David: Macroeconomics, Norton
6. Rana & Verma: Macroeconomics Analysis, VPC
7. Sinha R.K.: Monetarism Versus Keynesianism, Deep & Deep Publications, New Delhi, 1985.
8. Dronbusch, Fisher and Startz: Macroeconomics Theory, Tata Mcgraw Hill
9. Paul, R.R.: Monetary Economics, Kalyani Publishers, Ludhiana.

Select any one courses as Core out of the following five Elective courses (EDUG-201, ECOG-201, SOCG-201, PSCG-201, EAS-201)

Course: Education (EDUG-201) (Core Optional) (Second Semester)

Principles of Education

Total Marks: 100

Block I: Education and Its aims

Marks-40

Meaning, Concepts, Nature and Scope of Education: Meaning, Concepts, Nature and Scope of education; Types of Education: Formal, Non-formal and Informal; Concepts of Continuing, Adult, Distance and Open Education.

Aims of Education: Determinants of aims (Philosophical, Sociological and Economic); Different aims of education (knowledge, vocational, cultural, moral and spiritual, individual and social aims of education, democratic and totalitarian aims of education) aims of education with reference to the future.

Block II: Sociological Foundation of Education

Marks-40

Sociological Foundation of Education: Meaning, nature and scope of sociology of education; Difference between sociology and educational sociology; Aims and functions of educational sociology; Socialization: meaning and concept; Education and socialization processes: co-operation, assimilation, competition, conflict and discipline.

Education and Social Change: Education and modernization; Education and social change; Education as an instrument of economic growth and human resource development; Education for values; Role of education in the development of a new social order.

Block III: Curriculum and Evaluation

Marks-20

Concept of Curriculum and Evaluation in Education: Definition and modern concepts and principles of curriculum; Need, significance and types of curriculum; National Curriculum; Meaning and need of evaluation; Evaluation examination; Techniques (written, oral and practical) and tools, (test questionnaire, cumulative records and observation schedule) of evaluation; Continuous and Comprehensive Evaluation.

Recommended Books and Suggested Readings:

1. Aggarwal, J.C.: Landmarks in the History of Modern Education, Vikas Publishing House Pvt. Ltd., New Delhi – 110014.
2. Bhatia and Bhatia: Philosophical and Sociological Foundations of Education.
3. Bruhalher, J.S.: Modern Philosophies of Education, Fourth Edition Mc Grow Hills.
4. Chaube, Dr. S.P.: Great Indian Educational Philosophers, Vinod Pustak Mandir, Agra.
5. Dandekar: Evaluation in Schools.
6. Dash B.N: Principles of Education and Education in the Emerging Indian Society, Ajanta Prakashan, New Delhi, 11006.
7. Deka, Dr. Birendra: Snatak Mahalar Sikshatattva, Banalata, Natun Bazar, Dibrugarh – 786001.
8. Deka, Sarma and Mishra Chakraborty: Snatak Mahalar Adhunik Sikshatattva aru Sikshaniti, Assam Book Depot, Pan Bazar, Guwahati 781001.
9. Deka Talukdar & Ali: Saikshik Cintadhara aru Saikshik Racanasamuh, Banalata, Natun Bazar, Dibrugarh.
10. Dutta & Chetterjee: Cultural Survey of Indian Philosophy.
11. Goswami, A.C.: Education in Emerging India (Philosophical and Sociological).

- 12.Kenjzie, Mc: A Manual of Ethics.
- 13.Rawat: Education Measurement and Evaluation.
- 14.Rawat, P.L.: History of Indian Education.
- 15.Safair & Others: Educational Technology.
- 16.Safair & Others: Outlines of Indian Philosophy.
- 17.Safaya and Shaida: Development of Educational Theory and Practice.
- 18.Sarma, Dr.M.K.: SnatakMoholarSikshaSikshatatwa, Students'Emporium,NewMarket,Dibrugarh 786001.
- 19.Sarma, Dr. M.K.: Keigarakiman Mahan Sikshabid.
- 20.Sarma, Dr. M.K.: Principles of Education, Banalata, Natun Bazar, Dibrugarh.
- 21.Sarma, Tarun Kr.: Keigarakiman Bisista Sikshabid aru Keikhanman Rachana, Banalata, Natun Bazar, Dibrugarh- 786001.
- 22.Sarma, R.N.: Ethical Philosophy of India.
- 23.Sharma, I.C.: Ethical Philosophies of India Sociological Bases of Education.
- 24.Sharma, R.N.: Introduction of Ethics.
- 25.Taneja: Philosophical and Sociological Foundations of Education.

Course: Economics (ECOG-201) (Core Optional)(Second Semester)

Microeconomics

Total Marks: 100

Block I: Consumer's Behaviour

Marks-20

The theory of demand - meaning of demand, law of demand, meaning of utility and marginal utility analysis, consumer surplus, law of diminishing marginal utility, principle of equi-marginal utility, consumers equilibrium, derivation of demand curve and the law of demand price, income and cross elasticity of demand, indifference curve approach - assumptions, properties of indifference curve, the biggest line consumers equilibrium, income effect, substitution effect and price effect.

Block II: Producer's Behaviour

Marks-20

Cost and revenue analysis: total cost - total fixed cost, total variable cost, average cost, marginal cost, money cost, real cost, opportunity cost, selling cost, overhead cost, concept of total revenue, average revenue, marginal revenue, application of the concepts of marginal revenue and marginal cost in determining equilibrium of a firm.

Block III: Market Morphology

Marks-20

Theory of price determination - equilibrium conditions of a firm, perfect competition - assumptions, equilibrium of a firm under perfect competition in the short run and in the long run, concepts of normal profit and super normal profit, limitations of perfect competition, price and output determination under monopoly and monopolistic competition.

Block IV: Theory of Distribution

Marks-20

The theory of distribution-marginal productivity theory of distribution, Ricardo's theory of rent, concept of quasi rent, transfer earnings, scarcity rent, subsistence theory of wages, collective bargaining, loanable funds theory, classical theory of interest, liquidity preference theory of interest, risk and uncertainty bearing theories of profit.

Block V: Welfare Economics

Marks-20

Nature and Scope, Individual Welfare and Social Welfare, Pigovian Approach to Welfare Economics.

Recommended Books and Suggested Readings:

1. Rubinfeld & Pyndick: Microeconomics, 5th Edition, Pearson.
2. Stonier, A.W. and Haque, D.C.: A text book of Economic Theory, Longman.
3. Chopra, P.N.: Advanced Economic Theory, Kalyani Publishers, Ludhiana.
4. Ahuja, H.L.: Advanced Economics Theory - Micro Economic Analysis, S. Chand & Co., New Delhi
5. Huda, M.: "Arthaniti Tatta" Banalata, Dibrugarh.

Course: Sociology (SOCG-201) (Core Optional) (Second Semester)**Principles of Sociology****Total Marks: 100****Block I: Basic Concepts of Sociology****Marks-20**

Society and Community, Institution and Association, Social Norms, Status and Role.

Block II: Social Groups**Marks-20**

Primary, Secondary, In-Group, Out-Group and Reference Group.

Block III: Socialization and Social Control**Marks-20**

Socialization, its Meaning and Agencies. Social Control, its Meaning, Types and Agencies.

Block IV: Social Stratification and Mobility**Marks-20**

Social Stratification: Meaning, Elements & Theories (Conflict & Functional); Social Mobility: Concept and Types (Horizontal, Vertical, Intra-generational and Inter-generational).

Block V: Social Processes and Social Change**Marks-20**

Co-operation, Competition and Conflict; Social Change: Meaning, Factors and Theories (Evolutionary & Conflict).

Recommended Books and Suggested Readings:

1. Johnson, H.M.: Sociology - A Systematic Introduction, 1991.
2. Smelser, N.J. (Ed.): Sociology - An Introduction, 1967.
3. Inkeles, A.: What is Sociology, New Delhi, 1982.
4. Bierstedt, R.: The Social Order: An Introduction to Sociology, New York, 1962.
5. Bottomore, T.B.: Sociology.
6. Saikia, J.P.: (2006) Samajtatta Parichoy, Banalata, Dibrugarh.
7. Ahmed, Buragohain & Chetia : (2005) An Introduction to Sociology, Banalata, Dibrugarh.

Course: Political Science (PSCG-201) (Core Optional) (Second Semester)

Political Theory

Total Marks: 100

Block I: Introduction to Western Political Thought

Marks-20

Plato, Aristotle.

Block II: Key Assumptions of Political Theory - (I)

Marks-20

Liberty, Equality, Law.

Block III: Key Assumptions of Political Theory - (II)

Marks-20

State, Sovereignty, Nation, Power.

Block IV: Political Processes and System

Marks-20

Federalism, Democracy, Variants of Democracy.

Block V: Political Ideologies

Marks-20

Gandhism, Socialism, Marxism.

Recommended Books and Suggested Readings:

1. Barker: Greek Political Theory, Methuen, London, 1964.
2. Barker: Principles of Social and Political Theory, Methuen, London.
3. C.M. Joad: Modern Political Theory, Oxford University Press, London, 1964.
4. W. Ebenstein: Great Political Thinkers, Oxford University and IBH, New Delhi, 1979.
5. C.B. Macpherson: Real World of Democracy, OUP, New York, 1966.
6. A.K. Barua: Rajnaitik Tatwa Aru Rajnity Bijanar Dhara Samuh, Purbanchal Prakash, Guwahati, 1984.

Course: EAS-201 (Core Optional) (Second Semester)

Elective Assamese

(অসমীয়া কবিতা আৰু নাটক)

মূল্যাংক-১০০

প্রথম খণ্ডঃ অসমীয়া কবিতা

মূল্যাংক-৪০

পাঠ্যপুথি : সঞ্চয়ন : মহেশ্বৰ নেওগ (সম্পাদনা)

গোট-১ নতুন কবিতা : মেহেন্দ্ৰ বৰা (সম্পাদনা)

মূল্যাংক-১২

গোট-২ অসমীয়া কবিতাৰ গতি-প্ৰকৃতি (শঙ্কৰদেৱৰ পৰা সাম্প্ৰতিক কাললৈ)

মূল্যাংক-১৬

অসমীয়া কবিতা : প্ৰাচীন পৰ্ব

(নিৰ্বাচিত কবিতা)

বৰগীত (শুন শুন ৰে....) : শঙ্কৰদেৱ

নামঘোষাৰ অংশ : মাধৱদেৱ

গোট-৩	কালীনাগৰ বিলাপ অসমীয়া কবিতা (নিৰ্বাচিত কবিতা)	: সুকবি নাৰায়ণদেৱ : ৰোমান্টিক পৰ্ব	মূল্যাংক-১৬
	বিশ্ব ভাৰৱীয়া গড়গাঁও	: চন্দ্ৰকুমাৰ আগৰৱালা : বিনন্দচন্দ্ৰ আগৰৱালা	
গোট-৪	ৰূপজ্যোতি অসমীয়া কবিতা (নিৰ্বাচিত কবিতা)	: গণেশ গগৈ : যুদ্ধোত্তৰ পৰ্ব	মূল্যাংক-১৬
	আন্ধাৰৰ হাহাকাৰ এটা প্ৰেমৰ পদ্য জাতিপ্ৰভ মোৰ দেশ	: অমূল্য বৰুৱা : নৱকান্ত বৰুৱা : মহেন্দ্ৰ বৰা : হীৰেন ভট্টাচাৰ্য	
দ্বিতীয় খণ্ডঃ	অসমীয়া নাটক		মূল্যাংক-৪০
গোট-১	প্ৰাচীন নাটকৰ ক্ৰমবিকাশ		মূল্যাংক-১০
গোট-২	প্ৰাচীন নাটক		মূল্যাংক-১০
	ৰামবিজয় উদ্ধৱযান	: শঙ্কৰদেৱ : গোপাল আতা	
গোট-৩	আধুনিক নাটকৰ গতিধাৰা		মূল্যাংক-১০
গোট-৪	আধুনিক নাটক		মূল্যাংক-১০
	মগৰিবৰ আজান নিমিলা অংক	: সাৰদাকান্ত বৰদলৈ : লক্ষ্যধৰ চৌধুৰী	
প্ৰসঙ্গ পুথিঃ			
	আধুনিক অসমীয়া কবিতা	: চন্দ্ৰ কটকী	
	অসমীয়া কবিতা	: কৰবী ডেকা হাজৰিকা	
	অসমীয়া কবি আৰু কবিতা	: কৰবী ডেকা হাজৰিকা	
	কবিতাৰ সৌৰভ	: প্ৰহ্লাদ কুমাৰ বৰুৱা	
	অসমীয়া নাট্য সাহিত্য	: সত্যেন্দ্ৰনাথ শৰ্মা	
	নাট্যকলাঃ দেশী আৰু বিদেশী	: শৈলেন ভৰালী	
	অসমীয়া লোক নাট্য আৰু পৰম্পৰা	: শৈলেন ভৰালী	
	অসমীয়া লোক নাট্য	: ৰাম গোস্বামী	

B.A (Honours) in Economics: 3rd Semester

Course: ECOM-301 (Third Semester)

Public Economics

Total Marks: 100

Block I: Role of Public Finance and Taxation

Marks-20

Role and Significance of Public Finance: Role and Significance of Public Finance - Growth of Public Sector, Market Economy and Public Sector, Public goods vs Private goods, Principle of Maximum Social Advantage.

Taxation: Public Revenue - Sources of Public Revenue; Taxation - Objectives, canons and classification of taxes, Characteristics of a good tax system, impact, shifting and incidence of taxes, Theories of incidence of taxation, distribution of tax burden -Benefit and Ability to pay theory (objective and subjective approach), Taxable capacity, effects of taxes on production and distribution.

Block II: Public Expenditure and Public Debt

Marks-20

Public Expenditure: Public Expenditure - meaning, objectives and classification of public expenditure, Wagner's law of Increasing State Activities, control of public expenditure, effects of public expenditure on production, distribution and stabilization.

Public Debt: Public Debt - role and purposes of public debt, classification of debt, sources of borrowings, burden of public debt, methods of debt redemption, debt management policy.

Block III: Fiscal Policy

Marks-20

Role and Objectives of Fiscal Policy: Fiscal policy - its meaning, role and objectives in developed and developing economies, instruments of fiscal policy, limitations of fiscal policy.

Government Budgeting: Government Budgeting - principles and procedures of budgeting, Concepts of Deficits: Fiscal Deficit, Revenue Deficit and Primary Deficit; Budget as an instrument of economic policy; Programme and Performance budgeting and zero-base budgeting.

Block IV: Taxation, Public Expenditure and Fiscal Reform in India

Marks-20

Taxation and Public Expenditure: Structure, Pattern and Policies of Taxation in Developing Economies, Tax System and Market Economy, Indian Tax System and recent Tax Reform Measures, Rationalization of Tax System; Trend and Pattern of Public Expenditure in India.

Fiscal Policy Reform in India: Fiscal reform measures in the context of India's New Economic Policy.

Block V: Fiscal Federalism and Budgetary Policy in India

Marks-20

Fiscal Federalism: Principles of Allocation of Resources, Issues Relating to financial adjustment in a federal system with special reference to India, India's Finance Commissions: Role and functions recommendations of the latest Finance Commissions.

Budget System and Policy: Fiscal Deficit, Revenue Deficit, Primary Deficit in India; Budgetary Policy in India- Study of latest Union Budget - Budget and Economic Policy: Changing Perspective.

Recommended Books and Suggested Readings:

1. Bhatia, H.L.: Public Finance, Vikas Publishing House, New Delhi.
2. Tripathi, R.N.: Public Finance in Undeveloped Countries, The World Press Pvt. Ltd., Calcutta.
3. Singh, S.K.: Public Finance in Developed and Developing Countries, S Chand and Co. Ltd., New Delhi.

4. Mushrave, R.A.: The Theory of Public Finance: A Study in Public Economy, McGraw Hill Company, INC, New York, London.
5. Tailor, P.E.: The Economics of Public Finance, Oxford & IBH Publishing Co, Calcutta / Delhi.
6. Dalton: Public Finance, George Routledge and Sons, London.

Course: ENGG-301(Compulsory) (Third Semester)

English (Prose)

Total Marks: 100

Block I: Prose

Marks-35

O Henry, "The Last Leaf"; E M Forster, "Tolerance"; Nirad C Choudhury, "Experiences of Adolescence"; Orwell, "Reflections on Gandhi"; Gerald Durrell, "The World in a Wall"; Vikram Seth, "An Indian in China".

Block II: Poetry – I

Marks-25

Shakespeare, "Seven Ages of Man"; Wordsworth, "We are Seven", "The Daffodils"; Robert Frost, "Mending Wall"; Kipling "Mesopotamia"; Nissim Ezekial, "A Very Indian Poem in English".

Block III: Poetry – II

Marks-25

Langston Hughes, "Ballad of the landlord"; Seamus Heaney, "The Wife's Tale"; Okot P'Bitek, "Modern Cookery"; Grace Nicholas, "Wherever I Hang"; Derek Walcott, "Te River".

Block IV: Swami and Friends

Marks-15

Introducing RK Narayan, The novel, Swami and Friends.

Recommended Books and Suggested Readings:

1. King, Bruce. "Three Indian Poets(Nissim Ezekiel, A. K. Ramanujan, Dom Moraes)". Oxford University Press, 1991
2. D' Donoghue, Bernard. "The Cambridge Companion to Seamus Heaney". 2009.
3. Naik, M. K. A History of Indian English Literature, Sahitya Academy, New Delhi, 2004
4. Pavase Cesare. "American Literature: Essays and Opinions". 2010, University of California.

Course: ALTE-301 (Elective) (Third Semester)

Alternative English (Short Stories)

Total Marks: 100

Block I: Short Stories

Marks-50

Rabindranath Tagore, "A Wife's Letter"; Raja Rao, "Javni"; Saadat Hasan Manto, "Toba Tek Singh"; Bhisham Sahni, "Dinner for the Boss"; Mahasweta Devi, "Kunti and the Nishadin".

Block II: Non-Fictional Prose

Marks-40

Swami Vivekananda, "The Secret of Work"; Sri Aurobindo, "Indian Culture and External Influence"; Satyajit ray, "Film Making"; VS Naipaul, "Beginnings"; Amitav Ghosh, "Books".

Block III: Critical Appreciation of Poetry**Marks-10**

The Appreciation of Poetry; Practice in Critical Appreciation of Poetry.

Recommended Books and Suggested Readings:

1. Naik, M. K. A History of Indian English Literature, Sahitya Academy, New Delhi, 2004
 2. Fraser, Bashabi. "Critical Lives: Rabindranath Tagore". Reaktion Book Ltd., 2019
 3. Stephen Alter, Winal Dissanayake (ed). "The Penguin Book of Modern Indian Short Stories". Penguin Books, 2001.
 4. Kumar, Shiv Kumar. "Contemporary Indian Short Stories in English". Sahitya Akademi, 1991
 5. Shamkar. "The Monk as Man: The Unknown Life of Swami Vivekananda". Penguin Books. 2011
 6. Nandakumar, Prema. "Sri Aurobindo: A Critical Introduction". Sterling Publishers, 1988.
- Jabber, Naheem. "Historiography and Writing Post Colonial India". Routledge, 2009.

Course: ASMG-301 (Elective) (Third Semester)**Assamese (MIL)****(অসমীয়া গদ্য সাহিত্য আৰু ব্যাকৰণ)****মূল্যাংক-১০০**

প্রথম খণ্ড	অসমীয়া গদ্য সাহিত্য	মূল্যাংক-৪০
	পাঠ্যপুথিঃ অসমীয়া গদ্য চয়নিকা : অৰ্পনা কোঁৱৰ আৰু জয়ন্ত কুমাৰ বৰা (সম্পা.)	
গোট-১	অসমীয়া গদ্যৰ বিৱৰ্তন	
গোট-২	প্ৰাচীন অসমীয়া গদ্য (নিৰ্বাচিত গদ্যৰ আধাৰত) কৰ্মযোগ (কথা-গীতা) : ভট্টদেৱ ত্ৰিপুৰাৰ মদন পূজাৰ বৰ্ণনা : সূৰ্যকুমাৰ ভূঞা (সম্পা.) (ত্ৰিপুৰা বুৰঞ্জী) শঙ্কৰ-মাধৱৰ মিলন : মহেশ্বৰ নেওগ (সম্পা.) (গুৰু চৰিত কথা, ছেদ ১৩৫-১৩৯)	
গোট-৩	আধুনিক অসমীয়া গদ্য (নিৰ্বাচিত পাঠৰ আধাৰত) জীৱনৰ শান্তি পৰ্ব : সত্যনাথ বৰা পুৰণি সাহিত্যৰ সীমাবদ্ধতা : বাণীকান্ত কাকতি স্পেমিচ সাহিত্যৰ ৰোমিও-জুলিয়েট : কৃষ্ণকান্ত সন্দিকৈ	
দ্বিতীয় খণ্ড	কল্পনাশ্ৰয়ী গদ্য সাহিত্য (উপন্যাস, চুটিগল্প)	মূল্যাংক-৪০
গোট-১	অসমীয়া উপন্যাসৰ উদ্ভৱ আৰু বিকাশ	
গোট-২	নিৰ্মল ভকত : ৰজনীকান্ত বৰদলৈ	
গোট-৩	অসমীয়া চুটি গল্পৰ ক্ৰমবিকাশ	
গোট-৪	অসমীয়া চুটিগল্প (নিৰ্বাচিত পাঠৰ আধাৰত) মুক্তি : লক্ষ্মীনাথ বেজবৰুৱা	

	পানীগছা : আব্দুল মালিক	
	কাঠনিবাৰীৰ ঘাট : মহিম বৰা	
তৃতীয় খণ্ড	অসমীয়া ভাষাৰ ব্যাকৰণ	মূল্যাংক-২০
গোট-১	অসমীয়া আখৰ জোঁটনি	
গোট-২	প্ৰত্যয় আৰু ব্যৱহাৰ	
গোট-৩	জতুৱা ঠাঁচ আৰু খণ্ডবাক্যৰ ব্যৱহাৰ	
গোট-৪	বিপৰীতাত্মক শব্দ আৰু সমাৰ্থক শব্দ	

B.A (Honours) in Economics: 4th Semester

<p align="center"><u>Course: ECOM-401 (Fourth Semester)</u> <u>Statistics for Economics</u> Total Marks: 100</p>	
<p>Block I: Central Tendency and Dispersion</p> <p>Central Tendency: Measures of central tendency: Arithmetic, Geometric and Harmonic Mean, Relation among different means; Median and Mode.</p> <p>Dispersion: Measures of Dispersion: Range, Quartile deviation, Mean deviation, Standard Deviation and Variance, Co-efficient of variation, Moments, Skewness and Kurtosis.</p>	Marks-20
<p>Block II: Probability Theory and Distribution</p> <p>Probability Theory: Elementary Probability Theory: Concepts of Sample Space and Event, Probability of an Event: Addition and Multiplication theorems; Conditional Probability, Independence of random Variables; Mean and Variance of a Random Variable, Mathematical Expectation.</p> <p>Theoretical Distributions: Binomial, Poisson and Normal distributions.</p>	Marks-20
<p>Block III: Sampling Methods and Test of Significance</p> <p>Sampling Methods: Distinction between sampling and census, Methods of sampling, Types of Sampling – Simple Random, Stratified Random and Systematic Sampling.</p> <p>Hypothesis Testing: Hypothesis; Type I and Type II errors, Testing of hypothesis; Chi-square test for Independence of attributes.</p>	Marks-20
<p>Block IV: Correlation, Regression and Time Series analysis</p> <p>Correlation and Regression: Correlation: Definition and Types; Coefficient of correlation; Karl Pearson's and Spearman's methods. Regression: Concept; Simple Linear Regression; Methods of Least Squares.</p> <p>Time Series: Concepts and components, Measurement of trend-Seasonal, cyclical, irregular movements.</p>	Marks-20
<p>Block V: Index Number</p>	Marks-20

Index Number: Concept of an Index Number, Definition and importance of Index Number, Problems in the construction of an Index Number, types of Index Number, type of base period, selection of item, system of weighting, methods of weighting.

Construction of Index Number: Simple Aggregative Method, Weighted Aggregative Method, Average of Price relative method; Laspeyres's, Paasche's and Fisher's Index Numbers; Test of Adequacy of Index Number formulae: Time Reversal, Factor Reversal and Circular Tests; Problems in the construction of an Index Number: Chain Base Index; Splicing; Base Shifting and Use of Index Number for deflating other series.

Recommended Books and Suggested Readings:

1. Gupta and Kapoor: Fundamental Methods of Applied Statistics, Sultan Chand & Sons.
2. S.P. Gupta: Statistical Methods, Sultan Chand and Sons.
3. D.N. Elhance, Veena Elhance B.B. Aggarwal: Fundamentals of Statistic.

Course: EVS-401 (Compulsory) (Fourth Semester)

Environmental Studies

Total Marks: 100

Block I: Introduction to Environmental Studies & Natural Resources

Marks-20

Definition, Scope and Importance of Environmental Studies; Renewal and Non-Renewable Resources – (a)Forest resources: Use and over- exploitation, deforestation, timber extraction, mining, dams their effects on forest and tribal people, (b)Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water dam's benefits and problems, (c)Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, (d)Food resources: World food problems, Changes caused by agriculture and overgrazing, effect of modern agriculture, fertilizer-pesticide problems, water logging, salinity, (e)Energy resources – Growing energy needs Renewable and Nonrenewable energy sources, use of alternate energy sources, (f)Land resources: Land as resources, land degradation, man induced landslides, soil erosion and desertification; Role of an Individual in Conservation of Natural Resources; Need for Public awareness & equitable use of resources for sustainable lifestyle.

Block II: Eco-system

Marks-20

Concept of an ecosystem; its structure and function; Producers, Consumers and Decomposers; Energy flow in ecosystem and ecological succession; Food Chain, Food webs and ecological pyramids; Introduction, types, characteristic features, structure and function of the following ecosystem – (a)Forest ecosystem, (b) Grassland ecosystem, (c)Desert ecosystem, (d)Aquatic ecosystem.

Block III: Biodiversity, Its Conservation

Marks-20

Introduction – Definition: genetic, species and ecosystem diversity; Biogeographically classification of India & hot-spots of biodiversity in India; Value of Biodiversity: Consumptive use, productive use, social ethical, aesthetic and option values – (a)Threats to Bio-diversity: Habitat loss, poaching of wild life, man wild life conflicts, (b)Endangered and endemic species of India; Conservation of Bio-diversity : In situ and Ex-situ conservation of Bi-diversity.

Block IV: Environmental Pollution**Marks-20**

Definition – Causes, effects and control measures of (a)Air Pollution, (b)Water Pollution, (c)Soil Pollution, (d)Marine Pollution, (e)Noise Pollution, (f)Thermal Pollution, (g)Nuclear Hazards; Solid Waste Management: Cause, effects and control measures of Urban and Industrial wastes; Role of an Individual in prevention of pollution; Disaster Management: Flood, earthquake, Cyclone and Landslides.

Block V: Social Issues and the Environment**Marks-20**

From Unsustainable to Sustainable development; Water conservation, rain water harvesting, watershed management; Resettlement and rehabilitation of people; its problems and concern; Environmental ethics: Issues and possible solutions; Climate change, global warming acid rain, ozone layer depletion; Population Growth, variation among nation; Population explosion – Family Welfare programme; women and child welfare; Environmental and human health and hygiene (sanitation, HIV/ AIDS etc.); Role of Information Technology in Environment and Human health.

Recommended Books and Suggested Readings:

- 1.Kalita, Dr. Mahanta K. Introduction to Environmental Studies, Asian Books Pvt. Ltd.
- 2.Sharma,Dr.J.P.ComprehensiveEnvironmentalStudiesforUndergraduateClasses,LaxmiPublication.
- 3.Dara, S.S. A Textbook of Environmental Chemistry & Pollution Control, S. Chand
- 4.Agarwal, K. C. 2001 Environmental Biology, Nidi Publ. Ltd. Bikaner
- 5.Bharucha Erach, The Biodiversity of India, Mapin Publishing Pvt. Ltd., Ahmedabad
- 6.Hawkins, R.E. Encyclopedia of Indian Natural History, Bombay Natural History Society, Bombay.

Select any one course as Core out of the following five courses (EDNG-401, ECOG-401, SOCG-401, PSCG-401, EAS-401)

Course: Education (EDNG-401) (Core Optional) (Fourth Semester)**Psychological Foundations of Education and Educational Statistics****Total Marks: 100****Block I: Educational Psychology Process of Growth and Development****Marks-20**

Meaning, nature and scope of Educational Psychology, relationship of Education and Psychology. Methods of Educational Psychology: introspection, observation, experimental, case study; Physical, social, emotional and intellectual developments of the different stages, role of heredity and environment; Individual difference Meaning and its educational significance.

Block II: Intelligence, Instinct and Emotion**Marks-20**

Intelligence: Definition and nature; Tests of intelligence and their uses – Binet-Simon, Terman scales Wechsler scales; Development of concept formation, logical reasoning, problem solving, curative thinking.

Block III: Learning and Memory**Marks-20**

Learning: Factors influencing learning – Personal, temper, school, home and society, Learning and motivation, Transfer of learning; Memory – meaning and types; Attention and interest.

Block IV: Personality, Education of Exceptional Children**Marks-20**

Personality: Personality – meaning, nature and types Measurement of personality – subjective, objective and projective; Exceptional Children – meaning and nature Creative, gifted, slow learners, physically and mentally handicapped children. Education of exceptional children.

Block V: Educational Statistics

Marks-20

Measures of central tendency (mean, media, mode); Measures of variability (Average deviation, standard deviation and quartile deviation); Correlation – Co-efficient of correlation by rank difference method.

Recommended Books and Suggested Readings:

1. Bhatia, H.P. Elements of Education Psychology, Asian Publishing Company.
2. Chaube S.P., Mental Health.
3. Chauhan, S.S. Advanced Educational Psychology, Vikas Publishing House Pvt. Ltd. 576 Masjid Road, Jangpura, New Delhi – 110014.
4. Deka, B. Saikshik Parisankhya Bijnan aru Monobaijnanik Abhhikshasmuh.
5. Deka, B. Saikkshik Parisanlhy Bijan aru Monobaijnan.
6. Deka, Sharma and others, Sikshar Manobaijnanik Aadhar, Assam Book Depot, Panbazar, Guwahati.
7. Gagne, R.: Conditions of Learning.
8. Garrett, H.E. Statistics in Psychology and Education, Vakils, Feffer & Simons Ltd Bombay – 400038.
9. Kundu, C.L. & Tutoo, D.N. Educational Psychology, Sterling Publisher Pvt. Ltd New Delhi – 110016.
10. Mangal, S.K.: Educational Psychology, Prakash Brothers, Ludhiana 141008.
11. Mangal, S.K.: Advanced Educational Psychology, Prentice Hall of India (P) Ltd. New Delhi, 110001.
12. Mathur, S.S. Educational Psychology, Vinod Pustak Mandir, Agra.
13. Phukan and Phukan, Siksha Manobijnan, Rupam Prakashan, Sibsagar.
14. Rastogi: Educational Psychology.
15. Safaya, Shukla, Bhatia: Modern Educational Psychology, Dhanpat Raj, Publishers, Company, New Delhi - 110002.
16. Skinner, B.F.: Educational Psychology.
17. Sharma, Dr. M.K.: Snatak Parisankhya Bijnan aru Siksha Manobijnan.
18. Sharma Dr. M.K.: Santak Saikshik Parimapan aru Parisankhya Bijnan, Students' Natun Bazar, Dibrugarh.
19. Sharma, Dr. M.K. Snatak mahalar Siksha "Siksha Manobijnan", Students' Empurium, Natun Bazar, Dibrugarh.
20. Thakur and Goswami: Siksha Monobijnan aru Saikshik. Parisankhya, Banalata, Natun Bazar, Dibrugarh – 786001.

Course: Economics (ECOG-401) (Core Optional) (Fourth Semester)

Macroeconomics

Total Marks: 100

Block I: National Income Analysis and Money

Marks-20

National Income Analysis; Money: origin, functions, classification, role and properties, importance of money in modern economy, evils of money.

Block II: Value of Money and its Change

Marks-20

Theory of Money: Demand for and supply of money –value of money, measurement index number as a measure of value of money, determination of value-quantity theory: Fisher and Cambridge equations, Keynesian approach; Inflation, deflation and stagflation, basic features of Indian money and capital market. Indian stock exchange.

Block III: Theories of Income, Employment and Consumption

Marks-20

Theories of Employment and Income: Classical theory of Employment and Income; Keynesian theory of employment and income- Aggregate Demand and Aggregate Supply functions; Investment multiplier; Consumption Function; Theories of Consumption Function; Absolute Income, Relative and Permanent Income Hypothesis, Life-Cycle Hypothesis.

Block IV: Banking System

Marks-20

Banking : Banking-types and role of banks, commercial banking functions, credit creation, role and problems of commercial banks in India, concept and problem of non-performing assets, role of indigenous and non-banking financial institutions, co-operative and regional rural banking-origin , objectives, role played rural development of India; Central Banking-evolution, power functions and role, principles of note issue, credit control measures: bank rate, open market operations, variable reserve ratios and selective credit control measures.

Block V: International Trade

Marks-20

Theories of International Trade: International Trade and Balance of Payment Analysis: Adam Smith's theory of absolute advantage, Ricardo's theory of comparative advantage; International Trade Policies: Free trade vs. protection, Globalization, Liberalization and International Trade, GATT, World Trade Organization (WTO) Objectives and Impacts on Indian Economy, India's present Exim Policy; Balance of Payments: Meaning of balance of payments and balance of trade, determination of equilibrium exchange rate system, purchasing power parity theory and its limitation, International Monetary Fund (IMF), International Bank for Reconstruction and Development (IBRD).

Recommended Books and Suggested Readings:

1. Sikdar Soumyed: Principles of Macroeconomics, Oxford textbooks.
2. D. Souza, Errol: Macroeconomics, Pearson Education.
3. Dronbusch, Fisher and Startz: Macroeconomic Theory, Tata Mcgraw Hill.

Course: Sociology (SOCG-401) (Core Optional) (Fourth Semester)

Society in India

Total Marks: 100

Block I: Types of Indian Society

Marks-25

Tribal and Agricultural Societies, Urban and Industrial societies.

Block II: Kinship, Family and Caste

Marks-25

Kinship and Rules, Family, Types of family and changes, Caste System.

Block III: Problems and Issues in Indian Society

Marks-25

Problems of Indian Society, Issues in Indian Society.

Block IV: Social Processes in Indian Society

Marks-25

Social Processes in Indian Society. Modernization, Urbanization and Industrialization.

Recommended Books and Suggested Readings:

1. Madelbam, David: Society in India (Part – I & II) Popular Prakashan, Bombay, 1970
2. Srinivas, M.N.: Caste in Modern India and Other Essays, Asia Publishing House, Bombay, 1964.
3. Kapadia K.M.: Marriage and Family in India, Oxford University Press, London, Calcutta, 1981 (6th Impression).
4. Srinivas, M.N.: Social Change in India, New Delhi, Orient Longman, 1995.
5. Rao, M.S.A. (ed.): Urban Sociology in India, Orient Longman, New Delhi, 1974.
6. Ahuja Ram: Social Problems in India, Rawat Publication, Jaipur, 1992.

Course: Political Science (PSCG-401) (Core Optional) (Fourth Semester)

Comparative Government

Total Marks: 100

(This paper requires a Comparative Study of the Government of UK, USA, China and Switzerland)

Block I: Introduction

Marks-20

Meaning and types of Constitutions; Significance and importance of constitutions in Modern State.

Block II: Constitution: Key aspects

Marks-20

Basic Features of the constitutions; Method of amendment of the constitutions; Rights and Freedom of Individuals.

Block III: Government Structure: Executive

Marks-20

Executive: United Kingdom; Executive: United States of America; Executive: People Republic of China; Executive of Switzerland.

Block IV: Government Structure: Legislature

Marks-20

Legislature: United Kingdom; Legislature: United States of America; Legislature: People's Republic of China; Legislature: Switzerland.

Block V: Government Structure: Judiciary

Marks-20

Judiciary: United Kingdom; Judiciary: United States of America; Judiciary: People's Republic of China; Judiciary: Switzerland.

Recommended Books and Suggested Readings:

- 1.L.N. Ball: Modern Politics and Government.
- 2.Karl Awenatain: Political Power and Government Process.
- 3.Mechaw, Roche, Stndan: Dynamics of Modern Government.
- 4.M.V. Pylee: Constitutional Government in India.
- 5.Morris, Jones: Government and Politics in India.
- 6.Blondel: An Introduction to Comparative Government.
- 7.J.C. Johari: Major Modern Political System.
- 8.H. Finer: Theory and Practice of Modern Government, Methuan & Co. London, 1961, 1965.
- 9.A. Brich: The British System of Government, Minerva Series, George Allen, 1978.
- 10.M.G. Gupta: Modern Government: Theory and Practice.
- 11.M.N. Das, T. Lahon & N.K. Sahu: Tulanamulak Sarkar, Students Emporium, Dibrugarh.
- 12.Vidya Bhushan: Comparative Politics, Atlantic Publishers, New Delhi, 1997.
- 13.D. Goel: Comparative Government and Politics.
- 14.S.R. Maheshwari: Comparative Politics.

Course: EAS-401 (Core Optional) (Fourth Semester)

Assamese Core

(অসমীয়া গদ্য সাহিত্য)

মূল্যাংক-১০০

খণ্ড-১	অসমীয়া গদ্য সাহিত্য	মূল্যাংক-৪০
	পাঠ্যপুথিঃ অসমীয়া গদ্য চয়নিকাঃ অৰ্পনা কোঁৱৰ আৰু জয়ন্ত কুমাৰ বৰা (সম্পা.)	
গোট-১	অসমীয়া গদ্যৰ ক্ৰমবিকাশ	
গোট-২	প্ৰাচীন অসমীয়া গদ্য (নিৰ্বাচিত পাঠৰ আধাৰত) সূক্ষ্ম ধাৰণা আৰু ভক্তিযোগ : ভট্টদেৱ (কথা ভাগৱত) শঙ্কৰদেৱৰ সাত বৈকুণ্ঠৰ যাত্ৰাঃ মহেশ্বৰ নেওগ (সম্পা.) (গুৰুচৰিত কথা, ছেদ ৯০-৯৮) স্বৰ্গদেউ ৰুদ্ৰসিংহঃ সূৰ্যকুমাৰ ভূঞা (সম্পা.) (তুংখুঙীয়া বুৰঞ্জী)	
গোট-৩	আধুনিক অসমীয়া গদ্য (নিৰ্বাচিত পাঠৰ আধাৰত) বুৰঞ্জী পাঠঃ হেমচন্দ্ৰ গোস্বামী অসমীয়া ভাষাৰ গিয়াতি কুটুমঃ বিৰিঞ্চি কুমাৰ বৰুৱা ভাবী কালৰ সংস্কৃতিঃ জ্যোতি প্ৰসাদ আগৰৱালা	
খণ্ড-২	কল্পনাশ্ৰয়ী গদ্য সাহিত্য (উপন্যাস, চুটিগল্প, আত্মজীৱনী, ভ্ৰমণ সাহিত্য)	মূল্যাংক-৬০
গোট-১	অসমীয়া উপন্যাসৰ গতিধাৰা	
গোট-২	প্ৰতিপদ : বীৰেন্দ্ৰ কুমাৰ ভট্টাচাৰ্য	
গোট-৩	অসমীয়া চুটি গল্প : উদ্ভৱ আৰু বিকাশ	
গোট-৪	অসমীয়া চুটিগল্প (নিৰ্বাচিত পাঠৰ আধাৰত) সামান্য প্ৰাণী : শৰৎচন্দ্ৰ গোস্বামী সূচনা : স্নেহ দেৱী দেৱতাৰ ব্যাধি : লক্ষ্মীনন্দন বৰা	
গোট-৫	অসমীয়া আত্মজীৱনী সাহিত্য : এটি সমীক্ষা	
গোট-৬	মোৰজীৱন সোঁৱৰণ : লক্ষ্মীনাথ বেজবৰুৱা (শৈশৱৰ পৰা স্কুলীয়া শিক্ষালৈকে)	
গোট-৭	অসমীয়া ভ্ৰমণ সাহিত্য : এটি পৰিচয়	
গোট-৮	মেকং নৈ দেখিলোঁ : হেম বৰুৱা (থাইলেণ্ড খণ্ড)	

B.A (Honours) in Economics: 5th Semester

Course: ECOM-501 (Fifth Semester)

International Economics

Total Marks: 100

Block I: Theories of International Trade

Marks-20

Classical Theories: International Economics and Trade Theories: Inter-regional and International Trade, Scope and Contents of International Economics; Adam Smith's Absolute Advantage Theory, Ricardian Law of Comparative Advantage

Neo Classical & Modern Theories: Neo-Classical Trade Models- Opportunity Cost Doctrine, Trade and Returns to Scale, Trade in multi country-multi commodity model, Reciprocal Demand and Offer Curve analysis; Heckscher-Ohlin Theory-Factor abundance, Factor intensity reversal, Demand reversal.

Block II: Terms of Trade and Gains from Trade

Marks-20

Terms of Trade: Terms of Trade and Gains from Trade: Concept and Measurement of terms of trade, Their importance in trade theories.

Gains from Trade: Trade as an engine of growth; Distribution of gains from trade- Prebisch - Singer views on secular deterioration in the terms of trade, Myrdal's theory of Backwash Effect, Immiserising Growth.

Block III: Exchange rate and International Monetary System

Marks-20

Foreign Exchange Markets and Exchange Rate: Functions of foreign exchange markets; Meaning, Importance and Determination of Equilibrium Foreign Exchange Rate; Concepts of Spot and Forward Foreign Exchange Rates, Arbitrage, Fixed and flexible exchange rate system, Exchange Control-Objectives and Methods.

International Monetary System: Gold Standard, Bretton Woods (IMF) System, Present System.

Block IV: Balance of Payments

Marks-20

Concept of Balance of Payments: Balance of Payments: Balance of Trade and Balance of Payment Components of Balance of Payments, Factors causing balance payment disequilibrium.

Correction of Balance of Payments Disequilibrium: Correction of Balance of Payment Disequilibrium; Automatic Correction- Price, Income and Capital Flows; Deliberate Measures- Monetary measures, Trade measure and Miscellaneous measure; Foreign Trade Multiplier.

Block V: International Institutions and Regional Cooperation

Marks-20

International Monetary Institution: International Institution: International Monetary Fund (IMF) and World Bank- Objectives, Functions, Achievements and Failures; IMF and World Liquidity problem, Special Drawing Rights (SDRs).

WTO: Objectives, Major Agreements and Impacts on developing countries with special reference to India, Globalization.

Regional Cooperation: European Union, ASEAN, SAARC, SAFTA, BCIM; India's Look East Policy and its probable impact on NE Region.

Recommended Books and Suggested Readings:

1. Sodersten, Bo: "International Economics", Macmillan Press Ltd.
2. Salvatore, D.: "International Economics", John Wiley & Sons.

3. Cherunillam, F.: "International Economics", Tata Mcgraw Hill.
4. Vaish, M.C. & Singh, S.: "International Economics" Oxford & IBH Publishing Co. Pvt.
5. Mithani, D.M.: "Introduction to International Economics", K.K. Vora & Co.
6. Jhingan, M.L.: "International Economics", Konark.

Course: ECOM-502 (Fifth Semester)

Environmental Economics

Total Marks: 100

Block I: Economics and Environment

Marks-20

Basic Concepts of Environment: Basic concepts: Environment and Ecology, Entropy Law, Laws of Thermodynamics; Ecology-Environment-Economy Linkages; Population-Environment Linkage; Resources and Residuals, Environment as an Economic and Social Asset.

Introduction to Environmental Economic: Environmental Economics- Definition, objectives and issues; Genesis and growth of Environmental Economics; Environmental quality; Deforestation Loss of Biodiversity and Sustainable Development.

Block II: Resources and Environmental Quality

Marks-20

Resources and environment: Flow of Resources- Renewable and Exhaustible Resources; Theories of Optimal use of Exhaustible and Renewable resources, Common Property Resources, Resource Economics-Relationship between Resources Economics and Environmental Economic.

Environmental Quality: Residuals and Pollutant: Types of Pollutants, Sources of Pollutants and their effects on Human Health, Production Possibility Curve Approach for the Choice of Environmental Quality for the Current and Future Generations.

Block III: Environmental Quality, Public Goods and Externality

Marks-20

Environmental Quality and Public Goods: Public Goods- Characteristics- Environmental Quality as Public Goods Pareto Optimal Provision of Public Goods; Externalities: Negative and Positive; Environmental Damage as a result of Negative Externality; Global environmental externalities and Climate Change, Public Goods and Externality.

Environmental Quality, Externality and Market Failure: Environmental Quality and Market: The Competitive Equilibrium; Common Property Resources (CPRs).

Block IV: Solution to the Environmental Problems and Sustainable Development

Marks-20

Approaches to control Environmental Problems: Solution to the Environmental Problems: the Command and Control Approach, Use of Standards for Environmental Quality, the Economics of standards, Setting the levels of Standards, Uniformity of Standards, Standards and Equi-marginal Principle, Incentive Aspects of Standard; Effects of Cost Saving Technology on Pollution Standard; Regional Differences on Allocative Efficiency, the Cost Effective Solution in a Two-Pollutant Model

Sustainable Development: Concept, Components and Indicators of sustainable development, Sustainable Accounting-Environmental Reporting, Accounting and Auditing-Environmental Impact Assessment: Basic Concepts; Environmental Kuznets Curve.

Block V: Global Environmental Problems and Environmental Problems in India

Marks-20

Global Environmental Problems: Environmental Problems of the Developed and Developing Countries. Global Environmental Problems: Global Warming, Ozone Layer Depletion; Environmental

Policy Choices for Developed and Developing Countries; Poverty and the Environment; the Pollution Haven Hypothesis.

Environmental Problems in India: Environmental Problems in India with special reference to Assam and other North Eastern States; Environment Laws and their Implementation In India-Limitations of the Laws in Implementation.

Recommended Books and Suggested Readings:

1. Barry C. Field, Environmental Economics: An Introduction (2nd Edition), Mc Graw Hill, New York, 1997.
2. Hanley, N., J.F. Shogren and B. White (1997), Environmental Economics in Theory and Practice, Macmillan.
3. Kolstad, C.D., Environmental Economics, OUP, New Delhi.
4. Scott J. Callan and Janet M. Thomas, Environmental Economics and Management: Theory, Policy and Applications, Irwin, Chicago, 1996.
5. D.W. Pearce and R.K. Turner, Economics of Natural Resources and the Environment, John Hopkins University Press, Baltimore 1996.

Course: ECOM-503 (Fifth Semester)

History of Economic Thought

Total Marks: 100

Block I: Pre classical Thought

Marks-20

Mercantilism: A brief review of the early developments of economic thought; Factors responsible for the rise of Mercantilism, Basic tenets of Mercantilism.

Physiocracy: Physiocrat's concepts of Naturalism, The idea of net product, The circulation of wealth and Quesnay's Economic Table, Ideas on Taxation.

Block II: Classical and Neo-classical Thought

Marks-20

Classical Thought: Adam Smith: Wealth of nations and the foundation of Classical Economics, Smith's Naturalism & Optimism, Division of labour, Theory of Value, Capital accumulation, Distribution, Laissez Faire Principle, Economic progress; David Ricardo-Theory of value, Law of diminishing returns, Theories of distribution

Neo Classical Thought: Contributions of T.R. Malthus, J. B. Say, J.S. Mill, Alfred Marshall.

Historical School: The Historical School - Positive and critical ideas, The Austrian School-Subjectivism & Marginalism, Theories of Capital and Interest; The Mathematical School, Walras, Wickshell Wickstead.

Block III: Marx and Keynesian Thought

Marks-20

Marxian Thought: Scientific Socialism-chief tenets of Marxian Thought, Dialectical Materialism, The labour Theory of Value, Theory of Surplus Value, The law of Concentration of Capital.

Keynesian Thought: The Liquidity Preference Theory and Liquidity Trap, Marginal Efficiency of Capital and Marginal Efficiency of Investment, Underemployment Equilibrium, Role of Fiscal Policy, Deficit Spending and public Works, Multiplier Principle.

Block IV: Contribution of Nobel Laureates**Marks-20****Nobel Laureates (I):** Ragner Frisch, Jan Tinbergen, P.A. Samuelson, Arrow.**Nobel Laureates (II):** Leontief, M. Friedman, G. Myrdal, A.K. San.**Block V: Indian Economic Thought****Marks-20****Economic Ideas of Indian Thinkers (I):** Kautilya, D. Naoroji G. Gokhle,**Economic Ideas of Indian Thinkers (II):** M. G. Ranade, M. K. Gandhi.**Recommended Books and Suggested Readings:**

1. Bhatia, H.L.: History of Economic Thought, Vikash Publication, New Delhi, 1980`
2. Lokanathan, P.S., History of Economic Thought Kalyani publisher, New Delhi, 1980
3. Paul, R.R.: History of Economic Thought, Kalyani Publisher, New Delhi, 1992.
4. Lewis H. Haney: History of Economic Thought, Surjeet Publications, Delhi.
5. Charles Gide and Charles Rist: A History of Economic Doctrines. Oxford University Press.

B.A (Honours) in Economics: 6th Semester**Course: ECOM-601 (Sixth Semester)****Development Economics****Total Marks: 100****Block I: Economic Development and its correlates****Marks-20****Fundamentals of Development Economics:** Evolution of Development Economics, Nature and Scope, Factors affecting Economic Growth: Capital, Labour and Technology, Characteristics of Developing Countries, Measurement of Economic Development including Human Development Index, Obstacles to Economic Growth and Economic Development.**Economic Development, population and Poverty:** Interrelationship between population Growth and Economic Development; Concept of Poverty; Poverty, Inequality and Standard of Living.**Block II: Growth and Development- Theories and models****Marks-20****Theories of Economic Development and Economic Growth:** Classical theory of Growth and Stagnation including Malthus's versions, Big Push Theory, Leibenstein's Critical Minimum Effort, Doctrines of Balance Growth and Unbalanced Growth, Rostow's Stages of Economic Growth, Myrdal's theory of Circular Causational.**Models of Economic Growth:** Classical Model, Neoclassical growth theory: Solow's Model and Meade's Model, Schumpeter's Model, Marx's Harrod-Domar Model, Mahalanobis Model.**Block III: Human Resource Development and Manpower Planning****Marks-20****Human Resource Development:** Human Resource Development: Population Growth and Quality of Life, Healthy Challenges faced by the Developing Countries including HIV/AIDS, Health and Productivity, Health Policy for the Developing Countries, Investment in Human Capital, Educational Investment in Developing Countries, Role of Education in Economic Development; Education, Inequality and Poverty.**Manpower Planning:** Employment and Underemployment problems of developing countries, Manpower Planning; Brain Drain.

Block IV: Sectoral Analysis of Development**Marks-20**

Agriculture Sector: Role of agriculture in economic development, Strategies for transferring agriculture surplus workers - Nurse's view, Inter sectoral resource transfers, Rural development and employment.

Industry sector: Role of Industry in economic development, Problems associated with the industrialization including environmental pollution.

Tertiary sector: Contribution of tertiary sector in economic development; Inter relationship between primary, secondary and tertiary sectors; Problems of Labour Surplus Economy: Lewis Model and its Criticisms.

Block V: Government Intervention on Economic Development**Marks-20**

Role of State in Economic development: Capital Formation, Development of Infrastructure, Removal of Poverty and Income Inequalities, Reduction of Regional Disparities.

Planning for Development: Planning in Theory and Practice, Role of Planning in Economic Development, planning in Market Economy and Economic Planning: Techniques, Types, Targets and Priorities, Problems of Development Planning, Choice of Techniques, Incremental Capital-Output Ratio.

Recommended Books and Suggested Readings:

1. Meier, Gerald M. & Rauch, J.E.: Leading Issues in Economic Development, Seventh Edition, 2000, Oxford University Press.
2. Todaro, M.P. & Stephen C. Smith, Economic Development, Eighth Edition, Indian Reprint, 2003, Pearson Education.
3. Thirlwall, A.P., Growth and Development with special reference to developing Economics, Second edition, 1978.
4. Ray, Debraj: Development Economics, Oxford University Press.

Course: ECOM-602 (Sixth Semester)**Mathematics for Economics****Total Marks: 100****Block I: Sets and Matrix Algebra****Marks-20**

Set and Function: Sets and Set Operations; Different forms of functions and their graph-Limit and Continuity of functions.

Matrix: Elements of Matrix Algebra: Definition, Addition, Subtraction and Multiplication of Matrices; Determinants and their properties; Matrix Inversion; Solution of simultaneous equations (Cramer's rule).

Block II: Differentiation**Marks-20**

Concept of Differentiation: Geometric interpretation of derivative, Curvature, Taylor's Expansion, Basic rules of Differentiation; Partial and Total differentiation.

Application of differentiation: elasticity of demand, Cost and Revenue function : Relations between Average and Marginal Costs, Application to comparative static analysis of market model and national income model; Indifference curve analysis ; Application to Consumer's and Producer's equilibrium; Expansion Path; Production function; Cobb-Douglas Production Function and its Properties; Homogeneous Functions and Euler's Theorem, Homothetic Function; Comparative Static Analysis.

Block III: Integration**Marks-20**

Indefinite Integration: Integration- Basic rules, Applications to economic problems; Derivation of total functions from marginal functions

Definite Integral: Application in case of consumer's surplus and producer's surplus.

Block IV: Input-output Analysis & Game Theory**Marks-20**

Input Output Analysis: Assumptions and Limitations; Concepts of Static, Dynamic, Open and Closed Input-Output Model- Structure and Solution of Static Model; Hawkins- Simon Condition.

Game Theory: Structure of Game, Pay-of Matrix, Two-Person Zero-Sum Game, Notion of Nash Equilibrium, Pure and mixed Strategies; Prisoner's Dilemma.

Recommended Books and Suggested Readings:

1. Chiang, A.C.: Fundamental Methods of Mathematical Economics, Mc Graw-Hill.
2. Baruah, S.: Basic Mathematics and Its Application in Economics, Macmillan India.
3. Mehta, B.C. and G.M.K. Madnani: Mathematics for Economics, S. Chand and Co.
4. Archibald G.C. and Lipsey: A Mathematical Treatment of Economics, AITBS., New Delhi, 1984
5. Yamane, Taro: Mathematics for Economists, Prentice Hall of India Pvt. Ltd., New Delhi, 1995
6. Silverberg: The Structure of Economics.
7. Sydsaeter and Hammond: Mathematics for Economists, Pearson Education.

Course: ECOM-603 (Sixth Semester)**Issues of Indian Economy with Special Reference to NE Region****Total Marks: 100****Block I: Structure of Indian Economy****Marks-20**

Structure of Indian Economy: Basic characteristics of Indian economy, Causes of under development; Natural Resources - mineral, forest, water and land; Trends in national income- growth and structure; Population-size, composition and distribution, Indian Population Policy, Population growth and economic development; Occupational pattern, Labour.

Unemployment and Poverty: Nature of Unemployment in India, Types of Unorganized Labour Market; Poverty and poverty alleviation programmes, new Economic Policy and the Role of Government, Panchayats and NGOs.

Block II: Agriculture and rural development**Marks-20**

Indian Agriculture: Role of agriculture in India economy, Nature of Indian agriculture, Cropping pattern in India; Agricultural production and productivity trends, Agricultural inputs and Green revolution, Food security in India, Public Distribution System and its impact; Land reforms; Agricultural marketing, WTO and Indian agriculture

Rural Development: Rural development in India-Issues, policy, strategies and performance.

Block III: Industry and Service Sector**Marks-20**

Industrial Development: The performance and pattern of industrialization under Five-year Plans, Problems of Industrial development; Small-scale and cottage industry. Industrial sickness- external, causes and remedies, Industrial policy of India, Public Sector Undertakings and Disinvestment- Policy, FDI: Trend & Pattern.

Service Sector in India: Transport and Communication; Education and Health, Information technology; Tourism Sector; Internet connectivity, E-Commerce and Economic Development, Foreign Trade of India-value, composition and direction, Balance of Payment Problem, Recent Trade Policy of India with special reference to New Industrial Policy, Role of Multi-National Corporation (MNCs), objectives of Monetary Policy, Problems of Scheduled Commercial Banks Nationalized, Private Sector banks, Foreign banks, Regional Rural Banks; Money and Capital Markets in India.

Block IV: Economic Planning and Regional Disparities

Marks-20

Features of economic planning in India: Features, major objectives, Strategy of Indian Planning, success & Failures of Planning.

Regional disparities: Indicators, causes, extent and policy measures, recent economic policies and structural change, WTO regime and India.

Block V: Economy of North East India

Marks-20

Resource Base: Resource base of the Region and their Utilization, Population Problem-Causes, Consequence and Remedies.

Economic Problem: Immigration and its impacts on the Economy of North east; Infrastructure of the Region Roadways, Railways, Railways, Waterways, Airways, Communication and Energy Sector; Shifting Cultivation and Emerging Border Trade with Neighboring Countries.

Economic Development: The Role of Financial Institutions and Banks for Economic development of the Region, The Role of North Eastern Council.

Recommended Books and Suggested Readings:

1. Misra, S.K. & Puri, V.K.: 'Indian Economy' Himalaya Publishing house, Bombay.
2. Dewett, K.K., Verma & Sharma: 'Indian Economic', S. Chand & Co., New Delhi.
3. Datt, R. & Sundaram, K.P.M.: 'Indian Economy', S. Chand & Company Ltd., Ramnagar, New Delhi.
4. Dhar, P.K.: 'Indian Economy', 9th edition, Kalyani Publishers, Ludhiana.
5. Huda, Borua & Goswami: 'Bharatia Arthaniti (Utar Purbanchalar Arthaitisaha) Banalata, Dibrugarh, Assam.