B.A. Economics(Hons)

SEMESTER-I

PAPERS CODE	PAPERS NAME	INTERNAL	EXTERNAL	TOTAL
BAHEC101	Economic History of India 1857–1947	40	60	100
BAHEC102	Principles of Economics	40	60	100
BAHEC103	Mathematics for Economic Analysis–I	40	60	100
BAHEC104	Sociology–I	40	60	100
BAHEC105	English –I	40	60	100
Total		**200**	**300**	**500**

SECOND SEMESTER

PAPERS CODE	PAPERS NAME	INTERNAL	EXTERNAL	TOTAL
BAHEC201	Indian Economy Since Independence: Problems and Prospects-I	40	60	100
BAHEC202	Micro Economics-I	40	60	100
BAHEC203	Mathematics for Economic Analysis–II	40	60	100
BAHEC204	Sociology–II	40	60	100
BAHEC205	English –II	40	60	100
Total		**200**	**300**	**500**

THIRD SEMESTER

PAPERS CODE	PAPERS NAME	INTERNAL	EXTERNAL	TOTAL
BAHEC301	Indian Economy: Problems and Prospects–II	40	60	100
BAHEC302	Micro Economics-II	40	60	100
BAHEC303	Development Economics–I	40	60	100
BAHEC304	Accounting&Financial Management	40	60	100
BAHEC305	Statistics for Economic Analysis	40	60	100
Total		**200**	**300**	**500**

FOURTH SEMESTER

PAPERS CODE	PAPERS NAME	INTERNAL	EXTERNAL	TOTAL
BAHEC401	Data Base of the India Economy and Computer Analysis of Data	40	60	100
BAHEC402	Macro Economics-I	40	60	100
BAHEC403	Development Economics-II	40	60	100
BAHEC404	Economics of Agriculture	40	60	100
BAHEC405	Econometrics	60	40	100
Total		**200**	**300**	**500**

FIFTH SEMESTER

PAPERS CODE	PAPERS NAME	INTERNAL	EXTERNAL	TOTAL
BAHEC501	History of EconomicThought-I	40	60	100
BAHEC502	Macro Economics–II	40	60	100
BAHEC503	Basics of Financial Markets	40	60	100
BAHEC504	EconomicsofIndustry	40	60	100
BAHEC505	Optimization Techniques and Game Theory	40	60	100
Total		**200**	**300**	**500**

SIXTHSEMESTEREXAMINATION

PAPERS CODE	PAPERS NAME	INTERNAL	EXTERNAL	TOTAL
BAHEC601	History of Economic Thought II	40	60	100
BAHEC602	Human Resource Development	40	60	100
BAHEC603	Economics of Public Finance	40	60	100
BAHEC604	Environmental Economics	40	60	100
BAHEC605	International Economics	40	60	100
Total		**200**	**300**	**500**

ECONOMIC HISTORY OF INDIA : 1857- 1947

UNIT–I

Why study economic history, the problems in interpreting India's past, the state of the IndianEconomy on the eve of independence, Indian Economy in the mid-nineteenth century, growth ofthe empire andsystemsof landsettlements inthe Colonial India.

UNIT-II

Transformationofthetraditionalvillage–economyduringtheBritishrule,Commercializationof agriculture – its causes and consequences, Emergence of agricultural labour as a category,movementofagriculturalwagesand pricesduringthe period– problems ofruralindebtedness.

UNIT–III

The state of industrial developmentin mid-nineteenth century India, the de-industrializationthesis –its statement and validity, emergence of modern capitalist industrial enterprise in India – Textile(JuteandCotton),Iron&Steel,Cement,Coal,Tea.

UNIT–IV

ForeigncapitalinColonialIndia –itsextentandimpact;foreign-trade-growthandcomposition; 'guided under-development' of India under the British rule; evolution ofprovincialfinance,thenatureandproblemofpublicdebt;EconomicdrainfromIndia-form,extentandconsequences.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbe compulsory.

EssentialReadings:

G.Kaushal   :   Economic HistoryofIndia- 1757to

                 1966.KalyaniPublishers,NewDelhi.

FurtherReadings:

VBSingh(ed.)   :   EconomicHistoryofIndia1857-1956.Allied
                 PublicationsPrivateLimited,Bombay,1965.

I.2–PRINCIPLESOFECONOMICS

MICROECONOMICS

UNIT– I

The Economic Problem: Scarcity and Choice,Functions of an Economic System.CircularflowofEconomicactivityandsystemsofeconomicorganization.NatureofEconomicreasoning.

Laws of demand and Supply. Elasticity: Concept, measurement, determinant and importance.Market equilibrium; excess demand, excess supply and changes in equilibrium. Governmentinterventioninterms offixingmaximumandminimumprices.

Consumerchoice: Cardinaland Ordinalutilityanalysis. ConceptofConsumer'sSurplus.

UNIT-II

Production process: Short run theory of Production. Choice of Technology and Long runproductionanalysis.

Traditionalcostanalysis:Short runandlong run.

Profitmaximizationhypothesis.

PriceandoutputdeterminationunderPerfectCompetitionandsimpleMonopoly.

MACROECONOMICS

UNIT-III

Microand MacroEconomics:Distinctivecharacteristics;Circular flowofincomes, ThreeMarkets:GoodsandServices,LaborMarketandMoneyMarket.

NationalOutputand NationalIncome:Concepts,Methodsof measurementand

limitations.Consumption,SavingsandInvestment:ClassicalandKeynesianviews.

AggregateDemandandEquilibriumOutput:Keynesianmodel.Theconcept,operationandlimitationsofMultiplier.

UNIT-IV

Govt.andFiscalPolicy:Govt.purchases/expenditure,Taxes,Subsidies.Money:Demand and Supply; equilibrium rate of interest and output. Inflation: Meaning, types,causes, effects; control/ Unemployment: Types, Inflation unemployment trade off; ThePhillipsCurve.

EssentialReadings

Case,KarlEandFair,RayC	:	'Principles of Economics' 6th edition.Pearson(FirstIndianPrint2002EducationAsia)
Samuelson, PaulAandNordhaus, WilliamD(2006)	:	Economics, 18th Edition, Tata McGraw HillPublishingCompanyLimited,NewDelhi.
Sloman,John(2004)	:	'Economics', 3rd Edition, Prentice Hall ofIndia,

FurtherReadings:

Diulio,EugeneA.(1974)	:	Macro Economic Theory, 2nd Edition,McGraw-Hills(SchaumSeries)
Salvatore,Dominick (2003)	:	Micro Economics (Theory andApplications),4thEdition,Oxford.(SchaumSeries)

I.3 – Mathematics for Economic Analysis-I

UNIT-I

Basic Concepts : Variables and Parameters; Sets; Functions and their graphs; Limits; Equations – simple, quadratic and simultaneous and Identities; Equations of a straight line, concept of slope;Equationandinterpretationof RectangularHyperbola.

UNIT–II

Series – Arithmetic and Geometric; Rate of growth and its Measurement, Present Value and itsApplications. Annuities: Types, Amount and Present value; Simple Differentiation – concept andapplications.

UNIT-III

CALCULUS: Partial and Total differentiation; Homogenous function and Euler's Theorem;Maxima and Minima of Functions of one and two variables; Constrained Optimization Problem(with maximum three variables). <u>Integration</u> of a function; Methods of Substitution and Partialfractions; Integrationbyparts.

UNIT-IV

Applications: Simple and Direct Applications of the above Concepts in economics: Concept ofelasticity; Elasticity of demand; Average and Marginal functions; Interrelationships among total,marginalandaveragecostandrevenues;Partialderivatives andnatureofcommodities;Optimizationproblems relatingtorevenue, cost,profit,utilityandproduction;Consumer'ssurplusandproducer'ssurplus.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings		FundamentalMethodsofMathematicalEconomics(3^r
Chiang,AlphaC(1984)		^{d} Ed.)
	:	Mathematical Analysis Business and
Weber,JeanE(1982)	:	EconomicApplications(4th Ed.)
Yamane,Taro(1972)	:	MathematicsforEconomistsMathematical
FurtherReadings		Analysis for EconomistsElements of
Allen,RGD(1983)	:	Mathematical
Kooros,A(1965)	:	EconomicsMathematicsandStatisticsforEc
Monga,GS(2000)	:	onomists
Arora,PN&AroraS(2000):Bo		CAFoundationCourseinMathematics.An
se,DC(1996)	:	IntroductiontoMathematicalEconomics.

I .4-Sociology– I

BasicConceptsinSociology

Time –3hours

Note: - The Paper setter shall set 8 questions from all the four units with internal choice. However,one compulsory question of short answer type (to be answered in 20 – 30 words) and it will cover all theunits.It will consist of nine sub-questions of two marks each. The students will be required to attemptfivequestionsinall.Allquestionswillconsistof18markseach.

UNIT– I

Nature,Definition&ScopeofSociology: ItsRelationshipwithHistory,Economics,PoliticalScience, AnthropologyandPsychology

UNIT–II

BasicConcepts: ItsNature andCharacteristics,SocialStructure,Status &Role,Society,Community,Association,Normsand Values

UNIT–III

SocialGroupsandProcesses: Nature,Definition&Types:PrimarySecondary&ReferenceGroup,Integration,Coopera tionandConflict

UNIT–IV

SocializationandSocialInstitutions: Definition,StagesandAgenciesofSocialization;Nature,Characteristicsa ndSignificanceofEconomicandPoliticalInstitutions

Readings :
Ahuja, Ram (2001): **Indian Social System,** New Delhi: Rawat
Publication.Ahuja, Ram
(2003):**SocietyinIndia,**NewDelhi:RawatPublication.
Bottomore,T.B.(1972):**Sociology:AGuidetoProblemsandLiterature,**Bombay:GeorgeAllenandUnwin(India).
Fulcher&Scott(2003:**Sociology,**NewYork:OxfordUniversityPress.Giddens,
Anthony(2005):**Sociology,**PolityPress.
Harlambos,M.(1998):
Sociology:ThemesandPerspective,NewDelhi:OxfordUniversityPress.Harlambos&Holborn(2000):
Sociology,London:Harper-Collins.
Inkeles,Alex(1987):**WhatisSociology?** NewDelhi:Prentice-HallofIndia.
Johnson, Harry M. (1995): **Sociology: A Systematic Introduction,** New Delhi: Allied
Publishers.MacIverandPage(1974):**Society:AnIntroductoryAnalysis**,NewDelhi:Macmillan&co.
P.Gisbert(2010):**FundamentalofSociology**, NewDelhi:Orient Blackswan.

LITERATURE AND LANGUAGE-I
(English)SEMESTER-I

Part-A   **Poetry**

Thefollowingpoemsfrom*TheChroniclesofTime*edited byAshaKadyan (OxfordUniversityPress)

a)   "LetMeNottotheMarriageofTrueMinds"byWilliamShakespeare

b)   "Death Be Not Proud" by John

Donnec) "On HisBlindness"byJohnMilton

d)   "Shadwell"byJohnDryden

e)   "KnowThenThyself"byAlexanderPope

f)   "TheLittleBlackBoy"byWilliamBlake

g)   "ThreeYearsSheGrewinSunandShower"byWilliamWordsworth

Part-BPhoneticsandGrammar

i)   **Phonetics**:Introductiontothe SoundSystem ofEnglish: PhoneticsSymbols, OrgansofSpeech,TranscriptionofWords(OxfordAdvanceLearners'DictionarybyHornbytobefollowed).

ii)   **Grammar:** Parts of Speech, Types of Sentences, Common Errors, Technical Writing (applicationwriting,businessletter).

Instructionsforthe paper-setterandthe students

Q. No. 1Explanation with reference to the context. The students will be required to attempt two passagesoutofthegivenfourfromthebookofpoems.

8x2=16

Q.No. 2 Two questions (with internal choice) will be asked based on theme, central idea, message andnarrativetechniqueofthepoem

8x2=16

Q.No.3 ThequestionwillbebasedontheSoundSystemofEnglishlanguagehaving internalchoice

16

Q.No. 4The question will be based on grammar.There will be internal choice with 16 sentences out of 24tobeattempted.

16

Q. No.5The questionwill bebased ontechnical writing.There willbeinternalchoice.

16

Suggested Reading:

*HighSchoolGrammar*byWrenandMartin.
*Remedial EnglishGrammarforForeign Students*byF.T.Wood.
*EssentialsofCommunication*byD.G.Saxena

II **.1–IndianEconomy:ProblemsandProspects–I**

UNIT-I

Introduction to Indian Economy – Basic characteristics and features of Indian economy.EconomicPlanninginIndia:Features,Objectivesand Assessment ofIndianPlanning.(Planwise detailstobe excluded).

UNIT-II

Demographic features of India's population. Inter-state disparities in the pattern of development.StructuralChangeinthedistributionofIncomeandWorkforceinIndia.

UNIT–III

PovertyandunemploymentinIndia.   Programmes

foreradicationofpovertyandunemploymentwithspecialreferencetothepost–

reformera.

UNIT–IV

Agriculture:FeaturesofIndianAgriculture.ImpactofGreenRevolutiononIndianAgriculture.RecentTrends in AgriculturalDevelopment--Causes ofDecelerationandFuture Challenges

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings:

Brahmananda,P.R.and Panchmukhi: TheDevelopment ProcessofIndianEconomy,

V.R.(eds.)1987   HimalayaPublishingHouse,Bombay.

Lucas,E.B.,andPapanek,G.F.   :TheIndianEconomy-

RecentDevelopmentsand(eds.) 1988   FutureProspects,OxfordUniversityPress,New

                                           Delhi.

Jalan,Bimal1992   : The Indian Economy – Problem and

                                           Prospects,Viking,NewDelhi.

FurtherReadings:

Byres,TJ(Ed.)(1998)	:	TheIndianEconomy:MajorDebate Since Independence, OxfordUniversityPress,New Delhi.
EconomicSurvey	:	
		GovernmentofIndia.VariousIssues.Economi
candPoliticalWeekly	:	VariousIssues

II.2–MicroEconomics–I

UNIT-I

MicroEconomicTheoryandApplications.
MethodologyofPositiveEconomics:
Alternativeapproachestotheconstructionandappraisaloftheoriesin
socialscienceslikeEconomics.
Equilibrium:PartialandGeneral;Existenceand Uniqueness;Stability:
StaticandDynamic.

UNIT–II

Consumerchoice: (a)Undercertainty: IndifferencecurvesandRevealed preference
Analysis(WeakandStrongAxioms);

(b) Underuncertainty:N-Manalysis.

MarketDemand:FromhouseholddemandtoMarketDemand:TheroleofNetworkExternalities.

UNIT-III

TheoryofProduction andCosts:

(a).   Giventechnologyandonevariablefactor:Returnstofactorproportions;factorproductivitycurves;stagesofproductionandproducer'schoice.
Costsofproduction:Concepts;Derivationofshortruncostscurvesfromfactorproductivitycurves.

(b).   ChoiceofTechnologyandScalewithallthefactorsofproductionbeingvariable:Producer's factor market equilibrium. Output maximization subject to a givenbudgetandcostminimizationsubjecttoagivenoutputconstraint.

UNIT-IV

(a)   Changesinfactorprices:Output,SubstitutionEffectsandElasticityoffactorsubstitution.
ReturnstoScale.
ProductivityandTechnicalChange.
ExpansionPathandLongruncosts:Economiesanddiseconomiesofscale:theoryandempiricalevidence.

(b)   Multi product firms: Product Transformation Curve, Choice of profitmaximizingproductmix.EconomiesanddiseconomiesofScope:Theoryandempiricalevidence.

 (c) Dynamicchangesincostsofproduction:ThelearningCurveanalysis

NOTE : The question paper shall have five units. Each of the first four units willcontain two questions and the students shall be asked to attempt one question fromeach unit. Unit five shall contain eight to ten short answer type questions without anyinternal choice and it shall be covering the entire syllabus. As such, unit five shall becompulsory

ManikiwGregoryN(1968)   PrinciplesofEconomics;3rdEdition,Thomson;3rdIndianReprint(2007)

Boumol, WilliamJandBlinderAlanS(2005)   Microeconomics;PrinciplesandPolicy 9thEdition,Thomson,1stIndianEdition(2007)

SalvatoreDominick(2003)   Microeconomics: Theory and Appliications; 4thEdition,OxfordUniversityPress.

Pindyck,Robert.S;Rubenfeld,Daniel. M and Mehta Prem. L;First IndianReprint(2005),.   MicroEconomics,PrenticeHallofIndia,New Delhi.

FurtherReadings

Maddala,GSandMillelrEllen(1989)   MicroEconomics:TheoryandApplications.TataMcGraw-Hill(Edition2004)

Koutsoyiannis,A(1979)   :   ModernMicro-Economics.McMillanPress, London

Ryan W J L and Pearce, D W (1977) :Price Theory, Mc Millan India, New

DelhiFerguson,CEandGouldJP(1989):MicroEconomicTheory(6thEdition) AllIndiaTravellerBookseller.

Briet,WandHochman,HM(Ed.)   :Readings inMicro Economics, DrydenPress,Hindsala,illinos.

II.3–MathematicsforEconomicAnalysis–II

UNIT-I

Matrices and Determinants : Types; Transpose, trace, adjoint and Inverse of matrices; Solutionof asystem of twoandthreeequationsbyMatrixInverseandCramer'smethods;LinearindependenceandLineardependenceofvectors;Rankofamatrix;SimpleApplicationquestions.ApplicationinInput-Outputanalysis.

UNIT-II

DifferentialEquation
:Introduction;Solution:Variableseparablecase,Homogeneouscase,Standard linear differential equation, Bernoulli's form, Exact equation; Solution of lineardifferentialequationwithconstantcoefficients;SimpleApplicationquestions.

UNIT-III

DifferenceEquation:Introduction;Solutionofdifferenceequationsupto4thorder.SimpleApplicationquestions.

UNIT-IV

LinearProgramming:FormulationandSolutionbyGraphicmethod&Simplexmethod.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings
Chiang,AlphaC(1984)   :FundamentalMethodsofMathematicalEconomics(3[rd]Ed.)

Weber,JeanE(1982):MathematicalAnalysis:BusinessandEconomicApplications(4[th]Ed.)

Yamane,Taro(1972):MathematicsforEconomists

OtherBooks
Allen,RGD(1983)

        :MathematicalAnalysisforEconomistsMacmillan&Co.ltd.,1965Koor

os,A(1965)   :ElementsofMathematicalEconomics

Monga,GS(2000)

      :MathematicsandStatisticsforEconomistsVikasPublishi
ngHouse,NDelhi

Arora,PN&AroraS(2000):CAFoundationCourse inMathematics.

Bose,DC(1996)   :AnIntroductiontoMathematicalEconomics.Himalaya
PublishingHouse,Bombay

Dorfman,Ret.el.(1968)   :LinearProgrammingandEconomicAnalysisMcGraw
Hill,NewYork

Baumol,WJ(1978)

      :LinearProgrammingandEconomicAnalysisMcGrawHi
ll,NewYork

II.4 Sociology–II

IndianSociety:StructureandChange

Note: -The Paper setter shall set 8 questions from all the four units with internal choice.However, onecompulsory question of short answer type (to be answered in 20 – 30 words) and it will cover all the units.Itwill consist of nine sub-questions of two marks each. The students will be required to attempt five questionsinall.Allquestionswillconsistof18markseach.

UNIT– I

EvolutionofIndianSociety:TraditionalviewofIndianSociety;FactorsPromotingUnityandDiversityinIndia;Indiaas PluralisticSociety,Multi-Ethnic;Multi-Religious;CulturalandLingual

UNIT–II

IndianSocialInstitutions: Kinship,Family, Marriage; CasteanditsChangingDimensions.

UNIT–III

ProcessesofSocialChangeinIndia:Sanskritization,Westernization,ParochiatizationandUniversatization

UNIT–IV

SocialInequalityand State: GenderDiscriminationandCaste

Inequality;PlanningandDevelopment;ImpactofGovernment'sAffirmativeActiononDeprivedGroups

(SC,ST,OBC&Women)

Readings:
Ahuja, Ram (1997):**Society in India: Concept, Theories and Recent Trends,** Jaipur: Rawat
Publication.Beteille,Andre(1992):**BackwardClassesinContemporaryIndia**,NewDelhi:OUP.
Dube,S.C.(1991):**IndianSociety**,NewDelhi:NationalBookTrust.Ghurye,G.
S.(1968):**SocialTension**, Bombay:PopularPrakashan.
Karve,Iravati(1961):**HinduSociety:AnInterpretation,** Pune:DaccanCollege.Mandelbaum,
D.G.(1970): **SocietyinIndia**,Bombay:PopularPrakashan.
SharmaK.L.(ed.)(1994):**CasteandClass,**Jaipur,RawatPublication.
Srinivas, M.N.(1980): **India's : Social Structure,** New Delhi : Hindustan
Publication.Srinivas, M.N.(1985): **Social Change in Modern India,** New Delhi :
Orient Longman.India:2010Govt.ofIndia,NewDelhi, Govt.ofIndiapublicationdivision.

II.5-English-II
LITERATURE AND LANGUAGE-II
(English)SEMESTER-II

Part-A   **ShortStories**

Thefollowing Storiesfrom***ThePointedVision:AnAnthologyofShortStories***
ByUshaBandeandKrishanGopal(OxfordUniversityPress,NewDelhi):

1.   `TheBet' byAntonChekhov
2.   `GiftoftheMagi'byOHenry
3.   `ThePostmaster'byRabindranathTagore
4.   `ThreeQuestions'byLeoTolstoy.
5.   `TheDyingDetective' byArthurConan Doyle.
6.   `UndertheBanyanTree'byR.K.Narayan.

Part-B   (i)   GrammarandWritingSkills
a)   SynonymsandAntonyms
b)   Prefix-Suffix
c)   HomophonesandHomonyms
d)   Onewordsubstitution

(ii)a)   Developingwritingskillsthroughthemebasedparagraphs
b)Technicalwriting:E-mail writing,Reporting, Resumewriting, Re-

viewingT.V.ProgrammesInstructionstothePaperSetterandtheStudents

Q.No.1   Explanation with reference to the context. The student will be required to attempt two
passages(withinternalchoice)fromthebookofStories

                                                          8x2=16

Q.No.2   Twoessaytypequestions(withinternalchoice)willbeaskedfromthebookofstories.

                                                          8x2=16

Q.No.3   This question will be based on grammar. Students will be required to attempt 16 sentences out
ofthegiven24.

                                                          16

Q.No.4&5   QuestionNo.4&5willbebasedonwritingskillsandtechnicalwriting.
                                        16x2=32

Suggested Reading:

*HighSchoolGrammar*byWrenandMartin.
*Remedial EnglishGrammarforForeign Students*byF.T.Wood.
*EssentialsofCommunication*byD.G.Saxena

III   **.1–IndianEconomy:ProblemsandProspects–II**

UNIT–I

Industry:PatternandgrowthofIndianindustrysince1950.CritiqueofIndustrialPolicyinthepre-reformera.Roleandperformanceofthepublicsector.

UNIT-II

State of the economy in 1991. Features of the Economic Reform and Structural AdjustmentProgramme:Liberalization,PrivatizationandGlobalization.Appraisal of EconomicReformProgramme..

UNIT-III

Services sector: Growth and Pattern across Indian States. Financial Sector: Nationalization ofbanks – causes and evaluation of performance. Banking sector reforms since 1991. Indian capitalmarket–growthandproblems.Capitalmarketreformssince1991.

UNIT-IV

Fiscal Policy of India : Objectives, Techniques and Evaluation. Foreign Trade Policy of India:FeaturesandEvaluation.LiberalisedExchangeRateManagementSystem.ForeignDirectInvestment-Growth , PatternandImpacton India.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings:

Ahluwalia, I.J. and Little, IMD:India's Economic Reforms and
Development.(eds.)1998　　　　(EssaysinHonourofManmohanSingh),OUP,
　　　　　　　　　　　　　　NewDelhi.

Krueger,A.O.(Ed)2003　　　　: Economic Policy Reforms and
　　　　　　　　　　　　　　theIndianEconomy,OxfordUniversit
　　　　　　　　　　　　　　y
Ramaswamy,V.S.　　　　　　Press,NewDelhi.:StrategicPlanningandFormulationof
andNamakumari,S19　　　　Corporate
99　　　　　　　　　　　　Strategy—TextandCases,Macmillan,NewDelhi.

Nagaraj, R. 2006　　　　　: AspectsofIndia'sEconomicGrowthand
　　　　　　　　　　　　　　Reforms,AcademicFoundation,NewDelhi.

AdditionalReadings:

Rosen,George.1988　　　　:IndustrialChange inIndia1970-
　　　　　　　　　　　　　　2000,AlliedPublishers,NewDelhi

EconomicSurvey　　　　　　:Government ofIndia.VariousIssues.

EconomicandPoliticalWeekly　　:VariousIssues.

III.2-MicroEconomics– II

Unit-I

MarketStructureandPricing:Alternativeobjectivesof afirm.ProfitMaximization andCompetitiveSupply:ShortandLongrunsupplycurvesofacompetitiveallocation:Consumer's and Producer's Surplus and aggregate welfare. Evaluating the firm and industry.FunctioningofCompetitiveMarketsandefficiencyofresourceGainsandlossesfromGovernmentalinterventionincompetitivemarkets.

Monopoly: Sources of Monopoly; Measuring Monopoly Power: Performance and structurebased measures of monopoly power; Multi plant Monopoly; Welfare losses under monopoly;Public regulationofMonopoly.NaturalMonopolies.

Pricing of Public Utilities and efficiency of resource allocation. Price discrimination and otherpricing practices: Two part tariffs, Tying, Bundling, Peak load pricing etc. Social appraisalPrice discrimination:PositiveandNormative aspects.

Unit-II

Monopolistic Competition: Indeterminacy of a competitive firm's equilibrium with decliningaveragecostofproduction:PSaraffa'scontribution.ChamberlainandthetheoryofMonopolistic competition: Product Differentiation; Selling Costs/Advertisement; Short andlong run equilibrium of a firm/ Group with and without selling costs; the issue of Excesscapacityand costofvarietyinproducts.

Oligopoly:ThePrisoner's Dilemma:RivalryversusCollusion:Non-CollusiveOligopoly:
The Nash equilibrium: Cournot, Stackelberg and Bertrand models. Kinkeddemandcurveanalysis;
CollusiveOligopoly:InformalCollusion:PriceLeaderships,Pricesignaling,BasingPointsystems etc.
Formalcollusion:Cartels,mergersandamalgamations.
Non-Price Competition: Advertisement: Optimum spending on advertisement by a firm;Advertisementandprices;Advertisementandqualityofthe products.Advertisement andSocialwelfare.
PotentialCompetitioninOligopolymarkets:BarrierstoEntry.Contestablemarkets;Limit Pricing.

Unit-III

MarketsforFactorInputs:(largelywithreferencetoLabor).:AFirm'sandMarketDemandfor a labor (with one and several variable inputs) and its determinants. Supply of labor to afirm andtheMarket.

EquilibriumWageRateandEmployment under:

(i)   CompetitiveFactorandProductMarket,
(ii)   MonopsonisticbuyerofLaborandperfectcompetitioninLabormar ket,
(iii)   ImperfectcompetitioninproductmarketandTradeUnionMonopolyinla bor market,
(iv)   BilateralMonopoly.

Unit-IV

Welfareeconomics:Paretoefficientresourceallocation;PoretoefficiencyversusPareto Optimality; Welfare Functions and the Pareto criterion; Compensation criteria; Paretoefficiency and competitive markets: First and second theorem of welfare economics, Arrow'simpossibilitytheorem.EfficiencyversusEquity:JohnRawlsonSocialJustice.

Market failureanditscauses:

(i)   MarketswithImperfectCompetition;

(ii)   Markets with Asymmetric information: Adverse Selection and MoralHazards.

(iii)   ConsumptionandProductionExternalities;

(iv)   CommonPropertyResources,

(v)   Publicgoods.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit.Unit five shall contain eight to ten short answer type questions without any internalchoiceanditshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings

MankiwGregoryN(1968)   :PrinciplesofEconomics;3rdEdition,Thomson;
                                     3rdIndianReprint(2007)

Boumol, WilliamJandBlinderAlanS(2005)	:	Microeconomics;PrinciplesandPolicy 9thEdition,Thomson,1stIndianEdition(2007)
SalvatoreDominick(2003)	:	Microeconomics: Theory and Appliications; 4thEdition,OxfordUniversityPress.
Pindyck,Robert.S;Rubenfeld,Daniel. M and Mehta Prem. L;First IndianReprint(2005),.	:	MicroEconomics,PrenticeHallofIndia,New Delhi.

FurtherReadings

Maddala,GSandMillelrEllen(1989)   MicroEconomics:TheoryandApplications.TataMcGraw-Hill(Edition2004)

Koutsoyiannis,A(1979)   ModernMicro-Economics.McMillanPress, London

Ryan W J L and Pearce, D W (1977) :Price Theory, Mc Millan India, New

DelhiFerguson,CEandGouldJP(1989):MicroEconomicTheory(6thEdition) AllIndiaTravellerBookseller.

Briet,WandHochman,HM(Ed.)   :Readings inMicro Economics, DrydenPress,Hindsala,illinos.

III.3-DEVELOPMENTECONOMICS-I

Max.Marks:80   **Time:3Hrs.**

Unit-I

UnderstandingDevelopment:Livingin aheterogenous world-Islands of prosperity andhowthe other three quarters live. Dividing the world and levels of development(Development as anevolvingconcepti.eDevelopment,GrowthandChange;Goulet'sthreecorevaluesofdevelopment;Sen'sConceptionofDevelopment;Income/Outputbasedmeasuresandtheirinadequacies;   PQLI andHDI asindicatorsofdevelopment).

Unit-II

Diverse Structures and Common Characteristics of Developing Nations: Size and incomelevel(The Vicious Circle of Poverty and Low Level Equilibrium Trap), Historical Background (ColonialismandDependence),Meaningofdualism,itscharacteristicsandforms,ResourcesandTechnology(Quantum and Quality of Natural Resources, Physical Capital, and Technology);ValuesandInstitutions.

Unit-III

TheoriesofDevelopment: DavidRicardo;KarlMarx;SchumpeterandRostow'sTheoryofStagesofEconomicGrowth.

Unit-IV

Population Growth, Economic Development and environment : The Historical Changes inWorldPopulation,DemographicTransition,interrelationbetweenpopulationgrowthandeconomicdevelopment(frompessimismtooptimism),Sustainabledevelopment(conceptualization.,concerns,indicators,andremedialmeasures).

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory EssentialReadings:

Thirlwall,A.P.(2003),

	Development",Seventhedition,Palgrave Macmillan, NewYork.
"Growthand	
Todaro,MichaelP. andStephenCSmith(2004)	"EconomicDevelopment", PearsonEducation,(Singapore)Pte.Ltd.,IndianBranch,Delhi.
Ray,Debraj(2004),	"DevelopmentEconomics",Seventhimpression, *OxfordUniversityPress,NewDelhi.*

FurtherReadings

Meier, Gerald M. andJamesE.Rauch(2000),	*"LeadingIssuesinEconomicDevelopment",* Oxford UniversityPress, NewYork.
Ghatak,Subrata(2003) IndianReprint2007	Introduction to Development Economics,Routledge,London&NewYork
Rist,Gilbert(2002)	The History of Development AcademicFoundation,NewDelhi
Ghosh,Arun(1996)	Paradigms of Economic Development, IIAS,Shimla
Fukuda-Parr Sakiko andKumarShiva,AK(2003)	ReadingsinHumanDevelopment OxfordUniversityPress
Sen,AK(ed.)(1970) :	GrowthEconomics,PenguinBooks

III. 4 – Accountingand FinancialManagement

Max.Marks:80   **Time:3Hrs.**

Unit-I

Meaning and Scope of Accounting: Accounting concepts and conventions. Double entry systemofaccounting,PreparationofJournal,Ledgerand TrialBalance

Unit-II

Distinction between capital and revenue items. Preparation of trading and profit and loss accountandbalancesheet

Unit-III

Costaccounting–MeaningandScope.Distinctionbetweencostaccountingandfinancialaccounting.
Advantages of cost accounting and financial accounting. Elements of cost:
material,labouroverheads. Preparation of CostSheet.

Unit-IV

ObjectivesandfunctionsofFinancialManagement.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

RecommendedReadings:
1. S.N.Maheshwari:An introductiontoAccounting,VikasPublishingHouse Pvt.Ltd.
2. Pandey,I.M. :FinancialManagement
3. Ghosh,P.K.:CostAccounting.NationalPublishingHouse,NewDelhi.
4. Prasad, N.K.:PriciplesandPracticesofCost Accounting,BookSyndicate,Calcutta.

III.5 - Statistics forEconomic Analysis

Max.Marks:80   **Time:3Hrs.**

Unit-I

Introduction : Basic concepts: Population, Sample, Parameter, Statistic, <u>frequency distribution</u>,Cumulativefrequencydistribution;Graphicanddiagrammaticrepresentationofdata;Techniquesofdatacollection.Samplingvs.Population,primaryandsecondarydata.

CentralTendencyandDispersion:Measuresof Central tendency:Mean,Median,Mode,Geometric mean, Harmonic mean; Measures of dispersion ; Range, Quartile deviation Meandeviation,Standarddeviation;SkewnessandKurtosis,Moments.

Unit-II

Correlation and Regression: Correlation: Simple; Coefficient of correlation; Karl Pearson andRankcorrelation;PartialandMultipleCorrelationanalysis;Regressionanalysis–Estimationofa regression line in a bivariate distribution, Least squares method; Interpretation of Correlationand regressioncoefficients;Coefficientofdetermination.

Unit-III

TimeSeriesandIndexNumbers:TimeSeriesAnalysis-Conceptandcomponents,Determination oftrend(Linear,QuadraticandExponetial)andseasonalindices;IndexNumbers
– Concept, price relative, quantity relative and value relative, Laspeyer's, Paasche's and Fisher'sindex numbers; Family budget method; Problems in the construction and Limitations of indexnumbers;Tests ofanidealindexnumber.

Unit-IV

ProbabilityandDistribution:Probability:Concepts,Rulesofprobability(AdditionandMultiplication);RandomVariables;Mathematicalexpectation;Theoreticaldistribution–Binomial,Poisson andNormal;theirproperties,usesandapplication.

SamplingandTestingofHypotheses:Random Sample; conceptof sampling distribution;Concepts of testing of hypothesis and test of significance; tests of significance of proportion,mean,varianceandregressioncoefficients(basedonz,t,andFdistributionsonly).

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

ReadingList

EssentialReadings:

Croxton,FE,Cowden,DJ& : AppliedGeneralStatistics(3rdEd.)Klein,S(1

970)

Spiegel,MR&Stephens,LJ(2000): TheoryandProblemsofStatistics(3rdEd.)(Sc
haum'sOutlines)

Anderson,DR,Sweeney,DJ&:Willia StatisticsforBusinessandEconomics(3rdE
ms,TA(1987) d.)

Goon,GuptaandDasgupta FundamentalsofStatistics–Vol.I&II

:

(LatestEdition)

FurtherReadings:

StatisticsforManagement(7thEd.)

Levin, RI&Rubin,DS(2000):Hoel,

BasicStatisticsforEconomicsandBusiness

PG&Jesson,RJ(1977):Wonnacott,TH

Introductory Statistics for Business
&Wonnacott,RJ : andEconomics

Modern Elementary

Freund,JohnE(1979) : StatisticsAppliedStatisticsforEco

nomists.AnIntroductiontoStatistic

Karmel,PH(1970)

s

StatisticsforEconomists–AnIntroduction
:

Yale,GV&Kendal,

MG(1965):Beals,RE(1972) :

Gupta,SC(1994) : FundamentalsofStatistics

IV   .1-DataBaseofIndianEconomyandComputerAnalysisofData

Max.Marks:80   **Time:3Hrs.**

A.   DataBaseofIndianEconomy:

Unit-I

ImportanceofdataineconomicanalysisandPolicyformulation.

NatureandTypesofdata:Sample,Census,Primary,Secondary,Micro,Aggregativeetc.Statistical   and Data   Collection   system   in   India   at   the   Centre   and   in   the   States.   Major StatisticalPublicationsinIndia.

Unit-II

Population, National Income, Agriculture, Industry, Employment and Labour, Wages and Prices,Public Finance, Money Supply and Banking, Foreign Trade, Consumer Expenditure, Health

andEducation.StatisticsinIndia:Aspectsofeachonwhichdataareavailable,maindatapublications   in each category and conceptual and empirical problems in the use of each types ofthesestatistics.

B.   ComputerAnalysisofData

Unit-III

(i)   IntroductiontoMicrosoftExcelland Lotus1-2-3

-          Creation of worksheets; Data entry, formatting, sorting and
          validation;Importingandexportingofdatafilesandwebqueries.
-          Usesofmathematical,financialandstatisticalfunctionandwhatifanalysis.

-          DataAnalysis:ANOVA,Correlation,F-test,Z-testandt-test.

-          Creationofdiagramsandgraphs.

-          Regresionand Forecastingusingworksheets.

(ii)   IntroductiontoMicrosoftPowerPoint:

PreparationofpresentationsinPowerpointusingdesigntemplateandTextstructurelayouts
.

Unit-IV

(iii)   IntroductiontoWindowbasedStatisticalPackages

-    Creationofdata files,assigning namesand labelsto
     variables,sortcases,splitfiles,import/export offiles.

-    DataAnalysis:Descriptivestatistics,Comparingmeans,Correlation,ANOVA,para
     metric and non-parametric tests, Regression Analysis and preparation
     ofgraphsanddiagrams.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings:

Raza, M,Naqvi,S&Dhar,J:

                          SourcesofEconomicandSocialStatisticsinIndia.Eur
eka Publications,NewDelhi

Rao,CR(Editor)(1972)   :   DataBaseofIndianEconomy,Vol.IandVol.II
                                   StatisticalPublishingSociety,Calcutta

Arora,AshokandBhatia,   :
                          InformationSystemforManagers,ExcelBooks,Akshay
                          New Delhi.

IV.2-MacroEconomics-I

Max.Marks:80   **Time:3Hrs.**

Unit-I

MeaningandImportanceofMacroEconomics.Conceptandproblemsofmeasurementofincome,output,employmentandpricelevelatthemacrolevel.

Unit-II

Simple Keynesian model of income and employment determination in terms of Keynes CrossDiagram. Theories of Consumption spending: Absolute, Relative, Permanent income and Life-cyclehypotheses.

Unit-III

Theoriesofinvestmentspending:Keynesian,AcceleratorandNeo-classical.FunctionsanddefinitionofMoney. DeterminationofMoneySupply:Creditcreation byBanks andMoneyMultiplier.

Unit-IV

TheoriesofDemandforMoney:QuantityTheoryandKeynesapproach.BaumolandTobinContributions andFriedman'srestatementofquantitytheory.

DerivationofISandLMcurvesandtheirshiftsandrotations.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings:

Shapiro,E(2003)   MacroeconomicAnalysis,GalgotiaPublications, New Delhi.

EugeneDiulio(2005)   MacroEconomics,4thEdition,TataMcGrawHillsPu blishingCo.Ltd.,NewDelhi.

FurtherReadings:

Dornbusch, R, Fischer S and :Startz,R(2002)   Macro Economics, 8th Edition, Tata Mc-Graw HillsPublishingCo.Ltd.,NewDelhi

Froyen, R(2002)   :   Macro Economics, 7th Edition, Pearson EducationInc.,NewDelhi.

IV.3– Development Economics-II

Max.Marks:80   **Time:3Hrs.**

Unit-I

Economic Growth and Structural Change : Structural Changes in the composition of grossdomestic product, occupational structure, Structure of capital accumulation; and accumulation

ofhumancapital;exploringtherelationshipbetweeneconomicdevelopmentandincomedistribution(Kuznets'invertedU–shapedcurveand augmentedKuznets'curve).

Unit-II

Agriculture-industryinterface:interdependencebetweenagricultureandindustry;industrializationandurbanizati on(Themodelsof

Lewis,FeiandRanisandTodaro);TheBalancedGrowthDoctrine(ReviewofRosenstein,NurkseandLe wis);TheStrategyofUnbalancedGrowth(Hirschman'sversion),andthereconciliationofthetwo.

Unit-III

Economic isolation and integration with the Global Market: International trade and economicDevelopment(Three stories about trade and development relationship); Developmental aid-   Role,trendsandConstraints;RoleofForeignDirectInvestment(FDI)andMulti-nationalCorporations(MNCs)intheemergingscenario.

Unit-IV

Market and State: An Overview of the Economic Functions of the Market and State; Efficiencyof the Competitive Market, Market Failure, Government Failure, on the Choice of EconomicSystem,Marketfailureinadynamiceconomy.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings

Agarwala,A.N.andS.P.Singheds.(1977)	*"The Economics of Underdevelopment",*Thirdimpression,OxfordUniversityPress, New Delhi.
Chenery,HollisandMoisesSyrquin:(1975)	*PatternsofDevelopment:1950-70,*OxfordUniversityPress

Eicher,CarlandLawrenceWitt(1970):   *"AgricultureinEconomicDevelopment"*, Vora&Co.,PublishersPvt.Limited,Bombay.

Kuznets,S(1966)

ModernEconomicGrowth,RateStructure and Spread, Vakils, Feffer and SimonsPrivateLimited,Bombay.

Meier,GeraldM.andJames E.Rauch(2000)   *LeadingIssuesinEconomic Development",* Oxford UniversityPress, NewYork.

Ranis,GustavandJohn C.H.Fei(1961)   A Theory of Economic Development",*AmericanEconomicReview,* September,pp.533-65.

Ray,Debraj(2004)

*DevelopmentEconomics,*Seventhimpression, OxfordUniversityPress, Delhi.

Schultz,Theodore W.(1981)   *InvestinginPeople,*HindustanPublishing Corporation(India),Delhi.

Thirlwall,A.P.(2003)

GrowthandDevelopment,Seventhedition,PalgraveMacmillan,NewYork.

Yotopoulos, Pan A andNugentJefferyB(1976)   *Economics of Development EmpiricalInvestigations",*HarperandRowPublishers,New York DevelopmentEconomics,OxfordUniversityPress

Hayami Yujiro (2005)GodoYoshishisa

The Strategy of Economic DevelopmentNewHaven:YaleUniversityPress

Hirschman,AO(1960)

UnderdevelopmenttoDevelopingEconomics,Bombay,OxfordUniversityPress

Singh,SP(Ed.)(1978)

IV.4- EconomicsofAgriculture

Max.Marks:80 **Time:3Hrs.**

Unit-I

Introduction:Definition,scopeandnatureofagriculturaleconomics;Needforaseparatestudyof agricultural economics. Agricultural Linkages with other sectors, Role of agriculture ineconomic development (historical evidence from Europe, USA and Japan) and DecliningimportanceofagricultureinEconomicdevelopment.

Unit-II

Production Function Analysis: Factor-Product, Factor-Factor and Product-Productrelationships. Types of farmorganisations andtheir comparative productionefficiency.

Unit-III

TransformationofAgriculture:SchultzthesisoftransformationoftraditionalagricultureandGreenRevolutioninIndianagriculture.

AgriculturalMarkets:Aim,TypesandFunctionsofagriculturalmarkets,Criteriaforjudgingefficiency ofagriculturalmarketsystems.

Unit-IV

AgriculturalCredit:Importanceofcredit,NeedforGovernmentintervention,agriculturalcreditsysteminIndia.

AgriculturalPricePolicy:Need,Objectives,andinstrumentsofagriculturalpricepolicy;AgriculturalpricepolicyinIndia.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings

SoniR.N(2005) : LeadingIssuesinAgriculturalEconomics

FurtherReadings

Heady,EO(1964)   :   EconomicsofAgriculturalProductionandResource Use.Prentice-HallofIndiaPvt.Ltd.,NewDelhi.

Metacalf,D(1969) :   TheEconomicsofAgriculture, Penguin

IV.5-Econometrics

Max.Marks:80   **Time:3Hrs.**

Unit-I

Introduction:Definition,Scope,andMethodologyofeconometrics;Natureandsourcesofdataforeconometricanalysis;Specificationofaneconometricmodel.

Simple and Multiple Regression Models: Estimators (OLS) and their properties; Statisticalinference;Testsofsignificanceandtestsofrestrictions.

Unit-II

EconometricProblems: Nature,consequences,detectionandremedialmeasuresoftheproblemsofmulticollinearity,hetroscedasticityandautocorrelation.

Unit-III

TestProceduresandModelSelection:Testsofspecificationand mis-specification,measurementerrors,encompassingmodels,andcriteriaformodelselection.

Unit-IV

Dynamic Models: Lags in econometrics, Distributed and autoregressive lags, Koyck model,Adaptive Expectation and Partial Adjustment appraoches for rationalisation of koyck model;GrangerCausalityandexogeneity.

Simultaneous Equation Models: Introduction, Identification problem, Simultaneous equationbias andILSand 2SLSmethodsofestimation.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

READINGLIST

EssentialReadings:Gujarati

DamodarN.(2004)   Basic Econometrics (4th ed.),
                                    Siganpore.McGrawHills Co.

FurtherReadings:

Johnston, J & Nardo,   EconometricMethods(4thEd.)E

D(1997)Maddala,GS (1997)   conometrics

Pindyck,RS&Rubinfeld,DL(1   Econometric Models &
998)   EconomicForecasts

Intriligator,MJ&Bodkin,H(1   EconometricModelsTechniquesand
996)   Application.

Green,William(2000)   Econometric Analysis (4th

Ed.)Goldberger,AS(1998)   :   IntroductoryEconometrics

V .1-HISTORYOFECONOMICTHOUGHT-I

Max.Marks:80 **Time:3Hrs.**

Unit-I

NatureandImportanceofEconomicThought.RelativistandAbsoluteapproachestoEconomicThought.

Mercantilism:ViewsonTrade,MoneyandPrices,WagesandEmployment.

Unit-II

Physiocracy:NaturalOrder;NetproductandCirculationofWealth.

ClassicalPoliticalEconomy.AdamSmith:TheoriesofValue,DistributionandGrowth.

Unit-III
RicardianEconomics:ValueAnalysis,TheoriesofTradeandDistribution,ViewsonMachineryand Employment,Ricardo-Malthusglutcontroversy,

Unit-IV

J S Mill: Theory of Value, Views On Production and Distribution. Classical Stationary StatewithspecialreferencetoMill'sviews.

NOTE :The question paper shall have fiveunits. Each of the firstfour units willcontain two questions and the students shall be asked to attempt one question from eachunit.Unitfiveshallcontaineighttotenshortanswertypequestionswithoutanyinternal choice and it shall be covering the entire syllabus. As such, unit five shall becompulsory

ReadingList

(AsGivenattheendofHistoryofEconomicThought–II)

V.2-MacroEconomics-II

Max.Marks:80   **Time:3Hrs.**

Unit-I

ClassicalandKeynesianModelsofincomeandemploymentdetermination.Wage-priceflexibilityandautomaticfullemploymentdebate.

Unit-II

EffectsofInflation.Theoriesof Inflation:Quantity Theory,Keynes'views,PhillipscurveanalysisofInflationandUnemployment.Balanceofpaymentsdisequilibriumanditsconsequences.Balanceofpaymentsadjustmentpoliciesunderfixedandflexibleexchangerates.

Unit-III

TradeCycleExplanations:Multiplier–AcceleratoryTheoryandHicksTheory.

EconomicGrowth:meaningandtheories.Harrod-DomarTheoryandNeo-classicalTheory.

Unit-IV

MacroPolicy:Typesandobjectives.Conflictamongobjectivesanditsconsequences.EffectivenessofMonetaryandfiscalpoliciesunderdifferentsituationsintermsofIS-LMframework.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

READINGLIST

Essential,Readings:

Shapiro,E(2003)	:	MacroeconomicAnalysis,GalgotiaPublications New Delhi.
EugeneDiulio(2005)	:	MacroEconomics,4thEdition,TataMcGrawHillsPu blishingCo.Ltd.,NewDelhi.

FurtherReadings:

Dornbusch, R, Fischer S and :Startz,R(2002)		Macro Economics, 8th Edition, Tata Mc-Graw HillsPublishingCo.Ltd.,NewDelhi
Froyen, R(2002)	:	Macro Economics, 7th Edition, Pearson EducationInc,NewDelhh.

V.3-BasicsofFinancial Markets

MaX.Marks:80   **Time:3Hrr.**

Unit-I

TheRoleofFinancialMarketsintheEconomy.FinancialInstruments:Types,Natureandproperties,Measurementof Risk:expectedutilityapproachandMeanvarianceportfoliotheory.

Unit-II

EfficiencyofFinancialMarkets:EffectMarketHypothesisandtheCapitalAssetpricingmodel.

Unit-III

Callmoneymarket,Treasurybillmarket;Commercialbillmarket;Marketforgilt-edgedsecurities, Marketsforderivatives,futuresandoptions.

Unit-IV

RegulationofFinancialMarkets:Securities and ExchangeBoardofIndia,Role and Functions.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings:

Bhole,LM(2003)   :   FinancialInstitutionsandMarkets,TataMcGraw
                                             HillCompanyLtd.,NewDelhi(4thEd.)

Bhole,LM(2000)	:	IndianFinancialSystem,ChughPublications,Allahabad.
Houthakker,HSand Williamson,PJ(1996)	:	EconomicsofFinancialMarkets,OxfordUniversityPress.
FabozziFrank, JModigliani:		FoundationofFinanciAlMarketsandInstitutions,PearsonEd.

FurtherReadings:

Khan,MY(1996)	:	IndianFinancialSystem,TataMcGrawHill,NewYork.
Prasad,K.N.(2001)	:	DevelopmentofIndia'sFinancialSystem,Sarup&Sons, NewDelhi.
ReserveBankofIndia	:	Various ReportsEconomicSurvey
GovernmentofIndia	:	

V.4-ECONOMICSOFINDUSTRY

Max.Marks:80   **Time:3Hrs.**

Unit-I

Scope and methods of Industrial Economics; Basic concepts of firm, industry and market;organizational forms. Separation of ownership from management and control. Alternativegoalsoffirm:Neo-classicalandcontributionsofRMarrisandWilliamson.

Unit-II

Elements of Market Structure: Sellers' and buyers' concentration, product differentiation,conditions ofentry. Determinants andmeasurement ofsellers's concentration.

Growthoffirms:Verticalintegration,diversification,mergersandacquisitions.

Unit-III

EvolutionofMarketstructure–conduct-
performanceparadigm.EconomicsofAdvertisement:concepts,marketstructureandadvertisement.EconomicsofR&D:Concepts,measurementandmarketstructureandinnovation.

Unit-IV

Allocative efficiency: Market structure and profitability. Productive efficiency : Degree ofsuboptimalcapacity.
Theoryofindustriallocation,contributionofWeberandSargentFlorence.

NOTE : The question paper shall have five units. Each of the first four units willcontaintwoquestionsandthestudentsshallbeaskedtoattemptonequestionfromeach unit. Unit five shall contain eight to ten short answer type questions without anyinternal choice and it shall be covering the entire syllabus. As such, unit five shall becompulsory
 EssentialReadings:

Martin,Stephen(1989) :

Clarke,R(1985) : IndustrialEconomics:EconomicAnalysisand Public Policy. Macmillan PublishingCo.,NewYork.

Shepherd,WilliamG(1990) IndustrialEconomics,BlackwellPublishers,Oxford

: TheEconomicsofIndustrialOrganizationPrenticeHall,NewJersey(3rd Ed.)

Scherer,FM&Ross,David(1990): IndustrialMarketStructureandEconomicPerformance, (3rd Ed.) Houghton MifflinCompany,Boston

Koutsonyiannis(1979) : ModernMicro-economics.Macmillan,London

Bains,JS(1959) Industrial Organization. University ofCalifornia

FurtherReadings:

Waldman,DonE&Jensen,ElizabethJ(2005) IndustrialOrganization:TheoryandPractice(2nd Edition)PearsonEducation,Inc.

HayandMorris(1998) : Industrial Economics (2nd ed.)OxfordUniversityPress,London

V.5-OptimizationTechniquesandGameTheory

Max.Marks:80   **Time:3Hrs.**

Unit-I

TheGeneraloptimizing
problem.TypesofMaxima,theWeierstrasstheorem,andlocalGlobaltheorem.

Thelinear programming. The Dualproblemoflinear programming. The simplexalgorithm.

Unit-II

Nonlinearprogramming:Noinequalityconstraint.TheKuhnTuckerconditions,theKuhnTuckertheorem.Solution algorithm.

Unit-III

Dynamic optimization: The control problem – statement and types of control. The controlproblem as one of programming problem in an infinite dimensional space; the generalizedweierstrass theorem.

Approachestocontrolproblem:(a)calculusofvariation;Eulerequation,necessaryconditionsandtransversalityconditions,constraints;(b)Dynamicprogramming:TheprincipleofoptimalityandBellmen'sequation.Dynamicprogrammingsolutionofmultistage optimization problem. (c) Maximum Principles : costate, the hamiltonion and themaximumprinciple,theinterpretationofthecostatevariables.

Unit-IV

Game Theory: Classification and description of Games, Two person-zero sum games. twopersonnon-zerosumgames.Cooperativegames.Gameswithinfinitelymanyplayers.

NOTE :The question paper shall have fiveunits. Each of the firstfour units willcontain two questions and the students shall be asked to attempt one question from eachunit.Unitfiveshallcontaineighttotenshortanswertypequestionswithoutanyinternal choice and it shall be covering the entire syllabus. As such, unit five shall becompulsory

EssentialReadings:

Dixit,A(1976)		OptimizationinEconomicTheory, OxfordUniversityPress.
AlphaCChiang(1999)		Elements of Dynamic Optimisation,WavelandPvt.Ltd.
RobertGibbons(1992)	:	Primer inGameTheory,PearsonBooks.
AlphaCChiang(1984)	:	FundamentalMethodsofMathematicalEconomicsMcGraw Hill
RKSundram(1996)		AFirstCourseinOptimizationTheory, CambridgeUniversityPress.

FurtherReadings

Intriligator,M.D.(1971)		MathematicalOptimizationandEconomicTheory,PrenticeHall,Inc.,EnglewoodCliffs,N.J.
Lancaster,V.(1965)		MathematicalEconomics
Koopmans,T.(1957)		ThreeEssayandthestateofEconomics,Mc GrawHill,London
Dixit,A.&SusaanSkeath, Nortan. (2004) Osborne,M.J.&Ariel Rubinstein,(1994).	: :	GamesofStrategy,2ndEdn.NewYork,:W.W. ACourseinGameTheory,Cambridge,M.A.:MITPress
Rasmusen,Eric(2000)	:	GamesandInformation,3rdEdn.Malden, MA OxfordUK:Blackwell.

VI   **.1-HISTORYOFECONOMICTHOUGHT-II**

Max.Marks:80   **Time:3Hrs.**

Unit-I

MarxianEconomics: Historical Materialism, Theory of Value, Theory of CapitalAccumulation, Theories of Crisis, Simple Reproduction Scheme. Veblen's theory of LeisureClass.EssentialfeaturesofMarginalism.

Unit-II

Jevon'sTheoryofValue,Bohm-Bawerk'sTheoryofCapital.

Unit-III

Walras'sTheoryofGeneralEquilibrium.
AGeneralOverviewofMarshall'sContribution.

Unit-IV

FeaturesofNeo-classicaleconomics.RecentcontributionswithreferencetoselectNobelLaureates

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings

O'Brien,DP(1975)   :

                                        ClassicalEconomists,Oxford,ClarendonPress.Dobb,Ma

urice(1973)   :   TheoriesofValue andDistributionsinceAdam
                                          Smith.

Sweezy, Paul M	TheTheoryofCapitalistDevelopmentEconomic
(1945)Blaug,M(1961)	TheoryinRetrospect.
EricRoll(1993)	AHistoryofEconomicThoughtRupa&Co.
Gide,CharlesandRist,Charles(1973)	A History of Economic Doctrines, OxfordUniversityPress,Calcutta

FurtherReadings

Dasgupta,AK(1986)	:	Epochs of Economic Theory, Oxford UniversityPress, NewDelhi
Collander,DC(Ed.)	:	Neo-ClassicalEconomists
Mandel,E(1971)	:	Marxist Economic Theory, Upra&Co
Schumpter,JA(1954)	:	History of Economic Thought, OxfordUniversityPress
SamuelHollander(1987)		ClassicalEconomics
	:	Dictionary of Marxist Thought, BasicBlackwellPublishers,England
TomBottomore(1980)	:	

VI.2-HUMANRESOURCEDEVELOPMENT

Max.Marks:80   **Time:3Hrs.**

Unit-I

HumanResourceDevelopment(HRD): Concept,nature,scope,significance,objectives,functions; Traditional and modern approaches; Human Resource Development and ManpowerPlanning(Genesis,GrowthandThrustAreas).

Unit-II

Human Capital: Concept of human capital and its determinants, problems of measurement; AnappraisalofunderlyingtheoriesofHumancapitalformationparticularlyinthecontextofdevelopingE conomies;Roleof publicandprivateinvestmentin human capitalformation;Economicsofeducation(formal,informal,on-the-jobtrainingandre-training),modelsofBecker,Mincer-Chiswick:Anintroductiontoeconomicsofhealthandnutrition.

Unit-III

Functioning of Market for Human Resources: Internal allocation and brain drain, asymmetricinformationandfunctioningofthehumanresourcemarket;Migration(Theories,andtheem erging challenges); Managing Human Resources (Demand and supply forecasting, wages,incentives-productivityrelationship,economicsofdiscrimination).

Unit-IV

Human Resource Management Practices: Human Resource Management in developedcountries,and India (inPublic Enterprises and smallundertakings);Emerginghumanresourcemanagement concepts and systems in the new millennium; Human Resource InformationSystem.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings

Bellante, Donand Mark Jackson	:	*Labor Economics: Choice in Labor Markets*,McGraw-HillBookCompany,NewYork.
Campbell, R McConnel and:StanleyL.		*ContemporaryLaborEconomics*,McGraw-Brue,HillBookCompany,NewYork.
Kempton,John		*HumanResourceManagementandDevelopment:CurrentIssuesandThemes*,MacMillan,London.
RichardBPertersonandLamTracy		*Systematic Management of Human Resources*,AddisonWesleyPublishingCompany,London.
Schultz, Theodore W.(1981)		*Investing in People: The Economics of PopulationQuality*, Hindustan Publishing Corporation(India),Delhi.
Stoney,JohnJ.(ed.)		*HumanResourceManagement:ACritical Text*,Routledge,London.

FurtherReadings

Becker,Gary,S(1957)	:	EconomicsofDiscrimination,Universityof ChicagoPress,Chicago.

Sen,AK(1975)   Employment,TechnologyandDevelopment.
                                OxfordUniversityPress,NewDelhi.

Solow,RM(1990)

                                  LabourMarketasanInstitution,Blackwell,
                                London.

StandingG&VTokman(e   TowardsSocialAdjustment.ILO,Geneva
ds.)(1991)

VenkataRatnam,CS(2001):   GlobalizationandLabour-Management
                               Relations: Dynamics of Change.
                               SagePublications/ResponseBooks,NewDe
                               lhi.

VI.3–EconomicsofPublicFinance

Max.Marks:80   **Time:3Hrs.**

Unit-I

Introduction to Public Finance:Nature, Scope and Importance. Theory of MaximumSocialadvantage. Private goods,Public goodsandMeritgoods.Overviewofdifferentrole of government: allocation, stabilization and distribution. Optimal provision ofpublicgoods.

Unit-II

Types of Government Budgets: Revenue account, Capital Account and different concepts ofbudgetary deficits in the Indian context. Economic and functional classification of Central Govt.Budgets.

Unit-III

Sources of Public Revenue: Tax and Non-tax sources, ad valorem and specific taxes, progressiveand proportionaltaxes, directandindirecttaxes.

Approaches to tax equity: Benefit principle; Ability to pay principle. Theory of Incidence ofIndirecttaxes.Taxablecapacity:meaning anddeterminants.

Unit-IV

Public expenditure: Rationale for the growth of public expenditure:Wagner's law of increasingstateactivities;peacock-Wisemanhypothesis.Canonsofpublicexpenditure.

ChangingTrendsandPatternofdirectandindirecttaxes   inIndia. ChangingtrendsandpatternofgovernmentexpenditureinIndia.RecenttaxandexpenditurereformsinIndia.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings:

Musgrave,R&Musgrave,PB	:	PubliceFinanceinTheoryandPractice.M cGraw–HillInternationaleds.
Houghton,RW(ed.)(1970)		PublicFinance
	:	LecturesonPublicFinance
Atkinson,ABandStigltz,JE	:	
Peacock,andStraw,GK(1970)		TheEconomicTheoryofFiscalPolicy
Chelliah,RC(1996)	:	SustainableGrowth,EssaysonFinancialAnd FiscalSectorReforms,OxfordUniversityPress.
	:	ModernPublicEconomics,Rotledge
RaghbendraJha(1999)		9th, 10th and 11th Finance CommissionReports
	:	
Govt.ofIndia,MinistryofFinance:		SarkariaCommissionReportonCentreStateFinancialRelations.
Govt. of India, Ministry of Finance:(1988)		

VI.4-EnvironmentalEconomics

Unit-I

IntroductiontoEnvironmentalEconomics:Introduction;Theeconomyandtheenvironment: inter-linkages;First twolaws ofthermodynamics

EconomicEfficiencyandMarketFailures:Marketsolutionsandefficiency;Marketfailures;Problemofexternalities;Publicgoodsandpublicbads;Commonpropertyresources;Non-convexities;Asymmetricinformation.

Unit-II

EconomicsofPollution:Damagefunctionsandabatementcostfunctions;Marginaldecisions; Optimal level of pollution; Market solutions and government actions; Economicincentivesandleast-costsolutions;Commandandcontrolpolicies.

Unit-III

ValuingtheEnvironment:Economicvaluationofenvironmentalgoods;Typesofenvironmental values; Monetary valuation techniques; Non-monetary valuation techniques;Comparingmethodologies.

Unit–IV

Cost-Benefit Analysis and the Environment: The theory of cost-benefit analysis; Idea ofdiscounting and choice of discount rate; Framework for cost-benefit analysis; Discountingandfuturegenerations.

EconomicGrowthandSustainableDevelopment:Economicgrowthanddevelopment;TheenvironmentalKuznets curve;Economicsofsustainable development

InternationalEnvironmentalIssues: Economics ofclimatechange;Tradeandtheenvironment

NOTE :The question paper shall have fiveunits. Each of the firstfour units willcontain two questions and the students shall be asked to attempt one question from eachunit.Unitfiveshallcontaineighttotenshortanswertypequestionswithoutanyinternal choice and it shall be covering the entire syllabus. As such, unit five shall becompulsory

Bookrecommended: Economics and the Environment (3rd ed) Prentice HallGoodstein,E.S(2002)

VI.5–INTERNATIONALECONOMICS

Max.Marks:80   **Time:3Hrs.**

Unit-I

ImportanceofTradeandTradeTheories:Importanceobthestudyofinternationaleconomics: Inter-regional and international trade, Theories of absolute advantage, comparativeadvantageandopportunitycosts,Heckscher-Ohlintheoryoftrade–itsmainfeatures,assumptionsandlimitations.

Unit-II

Theory of Interventions: Trade as an engine of economicgrowth; Terms of Trade: Conceptsand measurements of terms of trade, Secular Deterioration Hypothesis. Doctrine of reciprocaldemand – its importance and limitations in the theory of trade. Types of Tariffs and quotas; theirimpact in partial equilibrium analysis; Free trade and policy of tariffs in relation to economicgrowth with special reference to India. Various forms of economic integration; The Theory ofCustomUnion.StaticandDynamiceffects ofcustomsunion.

Unit-III

TheBalanceofPaymentsandAdjustments:ConceptsandcomponentsofBalanceofPayments.
Causes and consequences of dis-equilibrium in the balance of payments. The processof adjustment in the Balance of Payments under Gold Standard, fixed and flexible exchange ratesystems.

Unit-IV

International Economic Institutions: Functions and Achievements of GATT/WTO. Impact ofWTO on different sectors of Indian Economy. Problems of International Liquidity. Proposals forInternational Monetary Reforms and IMF. Developing Countries and the reform of InternationalMonetarySystem.

Recent Trends towards Trade Liberalization Policies in India and theirimplications for Tradeand Growth. Role of Multinational Corporations in Developing Countries with special referenceto India.

NOTE : The question paper shall have five units. Each of the first four units will containtwo questions and the students shall be asked to attempt one question from each unit. Unitfive shall contain eight to ten short answer type questions without any internal choice and itshallbecoveringtheentiresyllabus.Assuch,unitfiveshallbecompulsory

EssentialReadings*:*

Kindlberger,CP(1991)		InternationalEconomics,RDIrwin,Homewood.8th Ed.
	:	TheoryandpRoblemsofInternationalEconomics,Pre nticeHall,UpperSaddleRover,NewYork<u>Internation al Economics</u>, Prentice Hall,
Salvator,DL(1996)	:	UpperSaddleRover,NewYork.
Salvator,DL(2001)	:	
		<u>International Economics</u>, Macmillan Press Ltd.,London.
Soderston,BO(1999)	:	<u>International Economics, Theory and Policy</u>(5thed.)Addison- WesleySeriesinEconomics
Paul,RKrugman&Maurice:Ob stfeld(2000)		

FurtherReadings

EllsworthPTandJClarkLeith

(1971)   :   The International EconomyCollierMacmillanL td.,Lond

OdedShenkar andYadongLuo

:

International Business – WileystudentEdition,JohnWiley&S ons.