

PART - I

SULLABUS FOR ENVIRONMENTAL STUDIES" FOR UNDER GRADUATE

1. "इन्वाहमेन्टल साईसेस" के पाठ्यक्रम को स्नातक स्तर भाग-एक की कक्षाओं में विश्वविद्यालय अनुदान आयोग के निर्देशानुसार अनिवार्य रूप से शिक्षा सत्र 2003-2004 (परीक्षा 2004) से प्रभावशील किया गया है। स्वशासी महाविद्यालयों द्वारा भी अनिवार्य रूप से अंगीकृत किया जाएगा।
बी.काम. भाग 1, 2 एवं 3 में से किसी वर्ष में पर्यावरण अध्ययन प्रश्न-पत्र उत्तीर्ण करना अनिवार्य है। तभी उपाधि प्रदाय योग्य होगी।
2. पाठ्यक्रम 100 अंको का होगा, जिसमें से 75 अंक सैद्धांतिक प्रश्नों पर होंगे एवं 25 अंक क्षेत्रीय कार्य (Field Work) पर होंगे।
3. सैद्धांतिक प्रश्नों पर अंक - 75 (सभी प्रश्न इकाई आधार पर रहेंगे जिसमें आंतरिक विकल्प रहेगा)
(अ) लघु प्रश्नों-तरीय - 25 अंक
(ब) निबंधात्मक - 50 अंक
4. Field Work - 25अंकों का मूल्यांकन आंतरिक मूल्यांकन पद्धति से कर विश्वविद्यालय को प्रेषित किया जावेगा। अभिलेखों की प्रयोगिक उत्तर पुस्तिकाओं के समान संबंधित महाविद्यालयों द्वारा सुरक्षित रखेंगे।
5. उपरोक्त पाठ्यक्रम से संबंधित परीक्षा का आयोजन वार्षिक परीक्षा के साथ किया जाएगा।
6. पर्यावरण विज्ञान विषय अनिवार्य विषय है, जिसमें अनुत्तीर्ण होने पर स्नातक स्तर भाग-एक के छात्र/छात्राओं को एक अन्य विषय के साथ पूरक की पात्रता होगी। पर्यावरण विज्ञान के सैद्धांतिक एवं फील्ड वर्क में संयुक्त रूप से 33% (तैंतीस प्रतिशत) अंक उत्तीर्ण होने के लिए अनिवार्य होंगे।
7. स्नातक स्तर भाग-एक के समस्त नियमित/भूतपूर्व/अमहाविद्यालयीन छात्र/छात्राओं को अपना फील्ड वर्क सैद्धांतिक परीक्षा की समाप्ति के पश्चात 10 (दस) दिनों के भीतर संबंधित महाविद्यालय/परीक्षा केन्द्र में जमा करेंगे एवं महाविद्यालय के प्राचार्य/केन्द्र अधीक्षकों/परीक्षकों की नियुक्ति के लिए अधिकृत रहेंगे तथा फील्ड वर्क जमा होने के सात दिनों के भीतर प्राप्त अंक विश्वविद्यालय को भेजेंगे।

PART - I

SYLLABUS FOR ENVIRONMENTAL STUDIES" FOR UNDER GRADUATE

M.M. 75

UNIT-I THE MULTI DISCIPLINARY NATURE OF ENVIRONMENTAL STUDIES :

Definition, scope and importance

Need for public awarness.

Natural Resources :

Renewable and nonrenewable resources :

Natural resources and associated problems.

(a) Forest resources : Use and over-exploitation, deforestation, case studies, Timber extraction, mining, dams and their effects on forests and tribal people.

(b) Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams benefits and problems.

(c) Mineral resources : Use and explocation, environmental effects of extracting and

using mineral resources, case studies.

- (d) Food resources : World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.
- (e) Energy resources : Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. Case studies.
- (f) Land resources : Land as a resources, land degradation, man induced landslides, soil erosion and desertification.
 - Role of an individual in conservation of natural resources.
 - Equitable use of resources for sustainable life-styles.

(9 Lecture)

UNIT-II ECOSYSTEMS

Concept of an ecosystems.

Structure and function of an ecosystem.

- Producers, consumers and decomposers.
- Energy flow in the ecosystem.
- Ecological succession.
- Food chains, 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 ecosystems (Ponds, streams, lakes, rivers, oceans, estuaries)

(9 Lecture)

UNIT-III Biodiversity and its Conservation

- Introduction - Definition : genetic, species and ecosystem diversity.
- Biogeographical classification of India.
- Value of biodiversity : consumptive use, productive use, social, ethical, aesthetic and option values.
- Biodiversity at global, National and local levels.
- India as mega-diversity nation.
- Hot-spots of biodiversity
- Threats to biodiversity : habitat loss, poaching of wildlife, man/wildlife conflicts.
- Endangered and endemi species of India.
- Conservation of biodiversity : In situ and Ex-situ conservation of biodiversity

(9 Lecture)

UNIT-IV Environmental Pollution

Definition

- Causes, effects and control measures of -
 - a. Air pollution
 - b. Water pollution
 - c. Soil pollution
 - d. Marine pollution
 - e. Noise pollution
 - g. Nuclear hazards.
- Solid waste management : Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Pollution case studies
- Disaster management : floods, earthquake, cyclone and landslides.

Human Population and the Environment

- Population growth, variation among nations,
- Population explosion - Family Welfare Programme.
- Environment and human health.
- Human Rights.

(9 Lecture)

UNIT-V Social Issues and the Environment

- From Unsustainable to Sustainable development.
- Urban problems related to energy.
- Water conservation, rain water harvesting, watershed management.
- Resettlement and rehabilitation of people, its problems and concerns. Case studies.
- Environmental ethics : Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies.
- Wasteland reclamation.
- Consumerism and waste products.
- Environment Protection Act
- Air (Prevention and Control of Pollution) Act.
- Water (Prevention and Control of Pollution) Act.
- Wildlife Protection Act.
- Forest Conservation Act.
- Issues involved in enforcement of environmental legislation.
- Public awareness.
- Value Education
- HIV/AIDS
- Women and Child Welfare.
- Role of Information Technology in Environment and Human Health.
- Case Studies.

(9 Lecture)

FIELD WORK

- Visit to a local area to document environmental assets-river/forest/grassland/hill/mountain.
- Visit to local polluted site : Urban/Rural/Industrial/Agriculture.
- Study of common plants, insects, birds.
- Study of simple ecosystems-pond, river, hill slopes, etc. (Field work Equal to 5 lecture hours)

REFERENCES :

1. Agarwal K.C. 2001 Environmental Biology, Nidi Publ. Ltd. Bikaner.
2. Bharucha Erach, the Biodiversity of India, Mapin Publishing Pvt. Ltd. Ahmedabad 380 013, India, Email : mapin@icenet.net(R)
3. Bruinner R.C., 1989, Hazardous Waste Incineration, Mc Graw Hill Inc. 480p.
4. Clark R.S., Marine Pollution, Clanderson Press Oxford (TB).
5. Cuningham, W.P. Cooper, T.H. Gorhani, E & Hepworth, M.T. 200.
6. Dr A.K. Environmental Chemisry, Wiley Estern Ltd.
7. Down to Earth, Centre for Science and Environment (R)
8. Gloick, H.P. 1993 Water in crisis, Pacific Institute for studies in Deve, Environment & Security. Stockholm Eng. Institute. Oxford Univ, Press. 473p.
9. Hawkins R.E. Encyclopedia of Indian Natural History, Bombay Natural History Society, Mumbai (R).
10. Heywood, V.H. & Watson, R.T. 1995 Global Biodiversity Assessment, Cabridge Univ. Press 1140p.
11. Jadhav H. & Bhosale, Y.H. 1995, Environmental Protection and Laws. Himalaya Pub. House. Delhi 284p.
12. Mckinney M.L. & School R.M. 1996, Environmental Science systems & Solutions, Web enhanced editio, 639p.
13. Mhaskar A.K., Matter Hazardous, Techno-Science Publication (TB).
14. Miller T.G. Jr., Environmental Science, Wadsworth Publishing Co. (TB).
15. Odum, E.P. 1971, Fundamentals of Ecology, W.B. Saunders Co. USA, 574p.
16. Rao M.N. & Datta, A.K. 1987, Waste Water treatment. Oxford & IBH Publ. Co. Pvt. Ltd. 345p.
17. Sharma B.K., 2001, Environmental Chemistry, Goel Publ. House, Meerut.
18. Survey of the Environment, The Hidu (M).
19. Townsend C., Harper J., and Michael Begon, Essentials of Ecology, Blackwell Science (TB).
20. Trivedi R.K. Handbook of Environmental Laws, Rules, Guidelines, Compliances and Standards, Vol. I and II, Environment Media (R).
21. Trivedi R.K., and P.K. Goel, Introduction to air pollution, Techno-Science Publications (TB).
22. Wagner K.D., 1998, Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p.

(M) Magazine

(R) Reference

(TB) Textbook.

आधार पाठ्यक्रम

प्रश्न पत्र - प्रथम

हिन्दी भाषा

पूर्णांक - 75

नोट :

1. प्रश्न पत्र 75 अंक का होगा।
2. प्रश्न पत्र अनिवार्य होगा।
4. इसके अंक श्रेणी निर्धारण के लिए जोड़े जावेंगे।
5. प्रत्येक इकाई के अंक समान होंगे।

पाठ्य विषय -

इकाई - 1

पल्लवन, पत्राचार तथा अनुवाद एवं पारिभाषिक शब्दावली।

इकाई - 2

मुहावरे-लोकोक्तिर्याँ, शब्दशुद्धि, वाक्य शुद्धि, शब्द ज्ञान-पर्यायवाची, विलोम, अनेकार्थी, समश्रुत (समानोचरित) अनेक शब्दों के लिए एक शब्द।

इकाई - 3

देवनागरी लिपि की विशेषता, देवनागरी लिपि एवं वर्तनी का मानक रूप।

इकाई - 4

कम्प्यूटर में हिन्दी का अनुप्रयोग, हिन्दी में पदनाम।

इकाई - 5

हिन्दी अपठित, संक्षेपण, हिन्दी में संक्षिप्तीकरण।

पाठ्य क्रम के लिए पुस्तकें -

1. भारतीयता के स्वर साधन धनंजय वर्मा - म. प्र. ग्रंथ अकादमी।
2. नागरी लिपि और हिन्दी - अनंत चौधरी - ग्रंथ अकादमी पटना।
3. कम्प्यूटर और हिन्दी - हरिमोहन - तक्षशिला प्रकाशन, दिल्ली।

FOUNDATION COURSE

PAPER - II

ENGLISH LANGUAGE

M.M. 75

UNIT-1 Basic Language skills : Grammar and Usage.

Grammar and Vocabulary based on the prescribed text.

To be assessed by objective / multiple choice tests.

(Grammar - 20 Marks

Vocabulary - 15 Marks)

UNIT-2 Comprehension of an unseen passage.

05

B.Com. - Part-I

(10)

This should imply not only (a) an understanding of the passage in question, but also (b) a grasp of general language skills and issues with reference to words and usage within the passage and (c) the Power of short independent composition based on themes and issues raised in the passage.

To be assessed by both objective multiple choice and short answer type tests.

UNIT-3 Composition : Paragraph writing 10

UNIT-4 Letter writing (The formal and one Informal) 10

Two letters to be attempted of 5 marks each. One formal and one informal.

UNIT-5 Texts : 15

Short prose pieces (Fiction and not fiction) short poems, the pieces should cover a range of authors, subjects and contexts. With poetry if may sometimes be advisable to include pieces from earlier periods, which are often simpler than modern examples. In all cases, the language should be accessible (with a minimum of explanation and reference to standard dictionaries) to the general body of students schooled in the medium of an Indian language.

Students should be able to grasp the contents of each piece; explain specific words, phrases and allusions; and comment on general points of narrative or argument. Formal Principles of Literary criticism should not be taken up at this stage.

To be assessed by five short answers of three marks each.

BOOKS PRESCRIBED -

English Language and Indian Culture - Published by M.P. Hindi Granth Academy Bhopal.

GROUP - I
FINANACIAL ACCOUNTING
PAPER - I

M.M. 75

OBJECTIVE

To Impart basic accounting knowledge as applicable to business.

COURSE INPUTS

- UNIT-I** Meaning and Scope of Accounting : Need, development, and definition, objectives of accounting, difference between Book-keeping and accounting; Branches of accounting; Accounting Principles,
Accounting Standard : International accounting Standard only outlines, Accounting standard in India.
Accounting Transaction : Accounting cycles Journal Rules of debit & Credit, Compound Journal Entry opening Entry Relationship between Journal & ledger, Capital & Revenue: Classification of Income & Expenditure and Receipt.
- UNIT-II** Final accounts : Trial balance; Manufacturing account; Trading account; Profit and loss account; Balance sheet; Adjustment entries.
Rectification of errors : Classification of errors; Location of errors; Rectification of errors; Suspense account; Effect on profit.
- UNIT-III** Depreciation, Provisions, and Reserves: Concept of depreciation; Causes of depreciation; Depreciation, depletion amortization, Depreciation accounting; Methods of recording depreciation; Methods for providing depreciation; Depreciation of different assets; Depreciation of replacement cost; Depreciation policy; as per Indian accounting Standard : Provisions and Reserves. Accounts of Non-Trading Institutions
- UNIT-IV** Special Accounting Areas :
Branch Accounts : Dependent branch : Debtors system, stock and debtor system ; Hire-purchase and instalment purchase system ; Meaning of hire-purchase contract; Legal provision regarding hire-purchase contract; Accounting records for goods of substantial sale values, and accounting records for goods of small values; Instalment purchase system ; After sales service.
- UNIT-V** a. Partnership Accounts : Essential characteristics of partnership ; Partnership deed : Final accounts; Adjustments after closing the accounts ; Fixed fluctuating capital ; Goodwill ; AS-10 ; Joint Life Policy ; Change in Profit Sharing Ratio.
b. Reconstitution of a partnership firm-Admission of a partner ; Retirement of a partner; Death of a partner; Dissolution of a firm; Accounting Entries; Insolvency of partnership firm-Modes of dissolution of a firm; Accounting entries; Insolvency of partners distribution.

SUGGESTED READINGS :

1. Anthony, R.N. and Reece, J.S.: Accounting Principles; Richard Irwin Inc.
2. Gupta, R.L. and Radhaswamy, M: Financial Accounting ; Sultan chand and Sons, New Delhi.
3. Monga J.R. Ahuja Girish, and Sehgal Ashok : Financial Accounting ; Mayur Paper Back, Noida.

4. Shukla. M.C., Grewal T.S., and Gupta, S.C.: Advanced Accounts; S.Chand & Co. New Delhi.
5. Compendium of Statement and Standards of Accounting : The Institute of Chartered Accountants of India, New Delhi.
6. Agrawala A.N. Agrawala K.N.: Higher Sciences of Accountancy : Kitab Mahal, Allahabad.
7. उच्चतर लेखांकन : राणा एवं अन्य : म.प्र. हिन्दी ग्रंथ अकादमी, भोपाल
8. उच्चतर लेखांकन : वसु एवं दास : (अंग्रेजी)
9. उच्चतर लेखांकन : हनीफ एवं मुखर्जी (अंग्रेजी)
10. वित्तीय लेखांकन : अग्रवाल एवं मंगल : यूनिवर्सल पब्लिकेशन
11. वित्तीय लेखांकन : एस.एम. शुक्ला : साहित्य भवन आगरा

BUSINESS MATHEMATICS

PAPER - II

M.M. 75

OBJECTIVE

The objective of this course is to enable the students to have such minimum knowledge of Mathematics as is applicable to business and economic situations.

COURSE INPUTS

- UNIT-I** Calculus (Problems and theorems involving trigonometrical ratios are not to be done).
Differentiation : Partial derivatives up to second order; Homogeneity of functions and Euler's theorem;
Maxima and Minima; Cases of one variable involving second or higher order derivatives; logarithm's.
- UNIT-II** Matrices and Determinants : Definition of a matrix; Types of matrices; Algebra of matrices; Properties of determinants; Calculation of values of determinants upto third order; Adjoint of a matrix, elementary row or column operations; Finding inverse of a matrix through adjoint and elementary row or column operations; Solution of a system of linear equations having unique solution and involving not more than three variables.
- UNIT-III** Linear Programming-Formulation of LPP : Graphical method of solution ; Problems relating to two variables including the case of mixed constraints; Cases having no solution, multiple solutions, unbounded solution and redundant constraints.
Transportation Problem, Ratio & Proportion.
- UNIT-IV** Compound interest and Annuities : Certain different types of interest rates; Concept of present value and amount of a sum ; Types of annuities; Present value and amount of an annuity, including the case of continuous compounding ; Valuation of simple loans and debentures; Problems relating to sinking funds.
- UNIT-V** Averages, Percentages, Commission Brokerage, Profit and loss.

.....

GROUP - II
BUSINESS COMMUNICATION
PAPER - I

M.M. 75

OBJECTIVE

The Objective of this course is to develop effective business communication skills among the students.

COURSE INPUTS

- UNIT-I** Introducing Business Communication : Definitions, concept and Significance of communication, Basic forms of communicating; Communication models and process principles of effective communication; Theories of communication; Audience analysis.
- Self-Development and Communication : Development of positive personal attitudes, SWOT analysis; Vite's model of interdependence; Whole communication.
- UNIT-II** Corporate Communication : Formal and informal communication networks; Grapevine; Miscommunication (Barriers) ; Improving communication.
- Practices in business communication : Group discussions; Mock interviews; Seminars; Effective listening exercises; Individual and group presentations and reports writing.
- UNIT-III** Writing Skills : Planning business messages; Rewriting and editing; The first draft; Reconstructing the final draft; Business letters and memo formats; Appearance request letters; Good news and bad new letters; Persuasive letters; Sales letters; Collection letters; Office memorandum.
- UNIT-IV** Report Writing : Introduction to a proposal, short report and formal report, report preparation.
- Oral Presentation : Principles of oral presentation, factors affecting presentation, sales presentation, training presentation, conducting surveys, speeches to motivate, effective presentation skills.
- UNIT-V** Non-Verbal Aspects of Communicating.
- Body language : Kinesics, Proxemics, Para language..
- Effective listening : Principles of effective listening; Factors affecting listening exercises; Oral, written, and video sessions.
- Interviewing Skills : Appearing in interviews; Conducting interviews; Writing resume and letter of application.
- Modern Forms of Communicating : Fax; E-mail; Video conferencing; etc.
- International Communication : Cultural sensitiveness and cultural context; Writing and presenting in international situations; Inter-cultural factors in interactions; Adapting to global business.

SUGGESTED READINGS :

1. Bovee and Thill : Business Communication Today ; Tata McGraw Hill, New Delhi.
2. Ronald E. Dulek and John SFielder : Principles of Business Communication; Macmillan Publishing Company, London.
3. Randall E. Magors; Business Communication : Harper and Row New York.

4. Webster's Guide to Effective letter writing ; Harper and Row, New York.
5. Balasubramanyam : Business Communications ; Vikas Publishing House, Delhi.
6. Kaul : Business Communication ; Prentice Hall, New Delhi.
7. Kaul : Effective Business Communication : Prentice Hall, New Delhi.
8. Patri VR : Essentials of Communication ; Greenspan Publications, New Delhi.
9. Senguin J : Business Communication ; The Real World and Your Career, Allied Publishers, New Delhi.
10. Robinson, Netrakanti and Shintre : Communicative Competence in Business English ; Orient Longman, Hyderabad.

BUSINESS REGULATORY FRAMEWORK

PAPER - II

M.M. 75

OBJECTIVE

The objective of this course is to provide a brief idea about the framework of Indian business laws.

COURSE INPUTS

- UNIT-I** Law of Contract (1872) : Nature of contract ; Classification; Offer and acceptance; Capacity of parties to contract, free consent, Considerations, Legality of object; Agreement declared void; Performance of contract; Discharge of contract; Remedies for breach of contract.
- UNIT-II** Special Contracts : Indemnity ; Guarantee; Bailment and pledge; Agency.
- UNIT-III** Sale of Goods Act 1930 : Formation of contracts of sale; Goods and their classification, price, Conditions, and warranties; Transfer of property in goods; Performance of the contract of sales; Unpaid seller and his rights, sale by auction; Hire purchase agreement.
- UNIT-IV** Negotiable Instrument Act 1881 : Definition of negotiable instruments; Features; Promissory note; Bill of exchange & cheque; Holder and holder in the due course; Crossing of a cheque, types of crossing; Negotiation; Dishonour and discharge of negotiable instrument.
- UNIT-V** The Consumer Protection Act 1986 : Salient features; Definition of consumer; Grievance redressal machinery;
Foreign Exchange Management Act 2000 : Definitions and main provisions, Right to Information Act 2005 (Main Provisions).

SUGGESTED READINGS :

1. Desai T.R. Indian Contract Act, Sale of Goods Act and Partnership Act; S.C. Sarkar & Sons Pvt. Ltd. Kolkata.
2. Khergamwala J.S.: The Negotiable Instruments Act; N.M.Tripathi Pvt. Ltd. Mumbai.
3. Singh Avtar : The Principles of Mercantile Law; Eastern Book Company, Lucknow.
4. Kuchal M.C. Business Law; Vikas Publishing House, New Delhi.
5. Kapoor N.D. Business Laws, Sultan Chand & Sons, New Delhi.
6. Chandha P.R. : Business Law; Galgotia, New Delhi.

GROUP - III
BUSINESS ENVIRONMENT
PAPER - I

M.M. 75

OBJECTIVE

This course aims at acquainting the students with the emerging issues in business at the national and international level in the light of the policies of liberalization and globalization.

COURSE INPUTS

- UNIT-I** Indian Business Environment : Concept, components, and importance
Economic Trends (overview) : Income ; Savings and investment ; Industry ; Trade and balance of payments, Money ; Finance ; Prices.
- UNIT-II** Problems of Growth : Unemployment ; Poverty; Regional imbalances ; Social injustice; Inflation ; Parallel economy ; Industrial sickness.
- UNIT-III** Role of Government : Monetary and fiscal policy ; Industrial policy ; Industrial licensing. Privatization; Devaluation; Export-Import policy; Regulation of foreign investment; Collaborations in the light of recent changes.
- UNIT-IV** Review of Previous Plans, the current five Year Plan, major Policy, Resources Allocation.
- UNIT-V** International Environment : international trading environment (overview); Trends in world trade and the problems of developing countries; Foreign trade and economic growth; International economic groupings; International economic institutions - GATT, WTO World Bank, IMF; FDI, Counter trade.

SUGGESTED READINGS :

1. Sundaram & Black : The International Business Environment ; Prentice Hall, New Delhi.
2. Agrawal A.N. : Indian Economy ; Vikas Publishing House, Delhi.
3. Khan Farooq A : Business and Society : S. Chand., Delhi.
4. Dutt R. and Sundaram K.P.M. ; Indian Economy : S. Chand, Delhi.
5. Misra S.K. and Puri V.K. : Indian Economy : Himalaya Publishing House, New Delhi.
6. Hedge Lan : Environmental Economics; Macmillan, Hampshire.
7. Dutt Ruddar : Economic Reforms in India - A Critique : S. Chand, New Delhi.

BUSINESS ECONOMICS

PAPER - II

M.M. 75

OBJECTIVE

This course is meant to acquaint the students with the principles of Business Economics as are applicable in business.

COURSE INPUTS

- UNIT-I** Introduction : Basic problems of an economy ; Working of price mechanism.
Elasticity of Demand : Concept and measurement of elasticity of demand ; Price, income

and cross elasticities; Average revenue, marginal revenue, and elasticity of demand; Determinants of elasticity of demand; Importance of elasticity of demand.

UNIT-II Production Function : Law of variable proportions ; Iso-quants; Expansion path; Returns to scale; Internal and external economies and diseconomies.

UNIT-III Theory of Costs : Short-run and long-run cost curves - traditional and modern approaches.

Market Structures - Market structures and business decisions ; Objectives of a business firm.

a. Perfect Competition : Profit maximization and equilibrium of firm and industry ; Short-run and long run supply curves; Price and output determination. Practical applications.

b. Monopoly : Determination of price under monopoly ; Equilibrium of a firm ; Comparison between perfect competition and monopoly; Multi-plant monopoly; Price discrimination. Practical applications.

UNIT-IV Market Structures

a. Monopolistic Competition : Meaning and characteristics; Price and output determination under monopolistic competition; Product differentiations ; Selling costs; Comparison with perfect competition; Excess capacity under monopolistic competition.

b. Oligopoly : Characteristics, indeterminate pricing and output ; Classical models of oligopoly ; Price leadership ; Collusive oligopoly.

UNIT-V Factor Pricing-I : Marginal Productivity theory and demand for factors; Nature of supply of factor inputs; Determination of wage rates under perfect competition and monopoly; Exploitation of labour.

Factor pricing-II : Rent concept, Ricardian and modern theories of Rent quasirent. Interests-concept and theories of interest ; Profit-nature, concepts and theories of profit.

SUGGESTED READINGS :

1. John P.Gould, Jr. and Edward P.Lazear : Micro economic Theory; All India Traveller, Delhi.
2. Browning Edger K, and Browning Jacquenience M : Microeconomic Theory and Applications ; Kalyani, New Delhi.
3. Watson Donald S. and Getz Molcolm : Price Theory and its Uses ; Khosla Publishing House, New Delhi.
4. Koutsoyianni A.: Modern Microeconomics : Macmillan, New Delhi.
5. Rechar G, Lipsey : An Introduction to Positive Economics ; ELBS, Oxford.
6. Stigler G : The Theory of Price ; Prentice Hall of India.
7. Nellis & Parker : The Essence of Business Economics; Prentice Hall, New Delhi.
8. Forguson P.R. and Rothschild R., and Forguson G.J. : Business Economics; MacMillan Hampshire.
9. Ahuja H.I.: Business Economics ; S.Chand & Co., New Delhi.