

Deccan Education Society's

Kirti M. Doongursee College of Arts, Science and Commerce (AUTONOMOUS)



Affiliated to

UNIVERSITY OF MUMBAI

Syllabus for
Program: Bachelor of Arts
Course: T.Y.B.A.
Subject: Rural Development

Choice Based Credit System (CBCS)
with effect from
Academic Year 2024-2025

PROGRAM OUTCOMES

PO	Description
A student completing Bachelor's Degree in Arts Program will be able to	
PO1	Disciplinary Knowledge: Demonstrate a blend of conventional discipline knowledge and its applications to the modern world. Execute strong theoretical and practical understanding generated from the chosen programme.
PO2	Critical Thinking and Problem solving: Exhibit the skill of critical thinking and use higher order cognitive skills to approach problems situated in their social environment, propose feasible solutions and help in its implementation.
PO3	Social competence: Express oneself clearly and precisely to build good interpersonal relationships in personal and professional life. Make effective use of linguistic competencies to express themselves effectively in real and virtual media. Demonstrate multicultural sensitivity in group settings.
PO4	Research-Related Skills: Seeks opportunity for research and higher academic achievements in the chosen field and allied subjects and is aware about research ethics, intellectual property rights and issues of plagiarism. Demonstrate a sense of inquiry and capability for asking relevant/appropriate questions; ability to plan, execute and report the results of a research project be it in field or otherwise under supervision.
PO5	Personal and professional competence: Equip with strong work attitudes and professional skills that will enable them to work independently as well as collaboratively in a team environment.
PO6	Effective Citizenship and Ethics: Demonstrate empathetic social concern and equity centered national development; ability to act with an informed awareness of moral and ethical issues and commit to professional ethics and responsibility.
PO7	Environment and Sustainability: Understand the impact of the scientific solutions in societal and environmental contexts and demonstrate the knowledge of and need for sustainable development.
PO8	Self-directed and Life-long learning: Acquire the ability to engage in independent and life-long learning in the broadest context of socio-technological changes.

RURAL DEVELOPMENT SAMPLE for 2024

VERTICALS	SEM 5 CODES	SEM 6 CODE
1) Paper No.1	KUARD24501	KUARD24601
2) Paper No.2	KUARD24502	KUARD24602
3) Paper No.3	KUARD24503	KUARD24603
4) Paper No.4	KUARD24504	KUARD24604
5) Paper No.5	KUARD24505	KUARD24605
6) Paper No.6	KUARD24506	KUARD24606

K is for Kirti.

U is for Undergraduate.

A is for Arts.

RD is for Subject Name.

24 is for the year in which Syllabus is Introduced

Third Last digit represent current Semester.

Second last and Last digit represent Paper Number.

Course Code	SEM – V Agriculture and it's Importance in Rural Development	Credits	Lectures /Week
KUARD24501	Paper IV	3	3
Course Outcomes: After successful completion of this course, students would be able to - Remember the nature of agriculture - Understand the importance of agriculture in Indian economy - Apply his knowledge to grow in agriculture business - Analyze the various policies about agriculture			
Unit	Topics	No of Lectures	
I	Unit-1: Agriculture a) Definition – History - Nature- Feature of Agriculture b) Scope and Role of Agriculture in Indian Economy c) Causes of Low Agricultural Productivity in India and measures to increase Agricultural Productivity	15	
II	Unit-2: Land a) Constituents of Land and its Natural characteristics and types of Soil. b) Soil Erosion- types - Causes, consequences- Remedial measures c) Soil Testing- Need, Importance in Agriculture	15	
III	Unit-3: Significance of Inputs in Agriculture. a) Seeds - Traditional and Non Traditional and its Importance b) Types of Fertilizers and Pesticides, its Importance and Consequences c) Agricultural Equipment's - Traditional and Non Traditional	15	
IV	Unit-4: Farm Business Management a) Meaning, Objectives and Nature b) Principles of Farm Business Management. c) Factors of Agricultural Production.	15	
References: - Dantawala, 'Indian Agriculture development since independence', oxford and IHB Publishing - Mamoria, C.B. and Tripathi, B.B. (1990) 'Agricultural problem', Kitab Mahal - Mishra and Puri (1998) 'Indian Economy', Himalaya Publishing House (1994) 'Plans for Reclamation of waste lands', Publications and Information's Directorate			

- Talari, J.M., Naik V.G and Jalgaonkar.V.N. 'Introduction to Agriculture economics Agriculture Business Management'

Course Code	SEM – V Rural Marketing and Finance	Credits	Lectures /Week
KUARD24502	Paper V	3	3
Course Outcomes: After successful completion of this course, students would be able to - Remember the marketing skills - Understand the depth pf marketing sector - Apply his skills to build career in marketing - Analyze the up and down in marketing field			
Unit	Topics	No of Lectures	
I	Unit-1: Rural Marketing a) Concept and characteristics rural marketing. b) Scope and significance of rural marketing. c) Problems of Rural Marketing and Remedial measures.	15	
II	Unit-2: Agriculture Marketing a) Concept, Nature and types of Agricultural Marketing b) Functions of Agricultural Marketing c) Significance of Agricultural Marketing in Rural Development.	15	
III	Unit-3: Marketing Risks and Uncertainties a) Features of Agricultural Products. b) Concepts of marketable surplus and marketed surplus-causes of low marketed surplus c) Risks and Uncertainties- Types, Remedial Measures.	15	
IV	Unit-4: Agencies in Agricultural Marketing a) Marketing Inter-mediators. b) Agricultural Agencies 1. Food Corporation of India (FCI) c) Agriculture Produce and Marketing Committee (APMC) and National Agricultural Cooperative Marketing Federation (NAFED)	15	
References: - Badi, R.V. and Badi, N.V. ‘Rural Marketing’ - Mishra and Puri ‘Development Issues of Indian Economy’, Himalaya Publishing House - Dantwala, M.L ‘Indian Agriculture Since Independence’, Oxford and IBH Publishing Co.Pvt.Ltd. - Habeeb, U.R. and Rahman, K.S. ‘Rural Marketing in India’, HPH- Mumbai - Gopalaswamy , ‘Rural Marketing’, Vikas Publishing House - Desai, S.S.M. ‘Fundamental of rural economics’, Himalaya Publishing House - Reddy, S.S and Raghuram, P. ‘Agriculture finance and management’, Oxford and IBH Publishing company private limited			

- Rudra, D. and Sundaram, K.P.M. 'Indian economy', S.Chand and company limited

Course Code	SEM – V Applied Agriculture	Credits	Lectures /Week
KUARD24503	Paper VI	3	3
Course Outcomes: After successful completion of this course, students would be able to - Remember the actual role of adjacent business of agriculture - Understand the role of allied activities in agriculture development - Apply his mind to take advantage of various schemes - Analyze the benefits of allied activities			
Unit	Topics	No of Lectures	
I	Unit-1: Applied agriculture a) Definition, nature and scope b) Significance of allied activities in applied agriculture. c) Its significance in rural development.	15	
II	Unit-2: Agro-Ecology a) Definition, nature and scope b) Zero Budget Farming and Bio-farming. c) Mix cropping pattern.	15	
III	Unit-3: Horticulture a) Concept and Nature of Horticulture. b) Significance of Horticulture and Floriculture in Rural development. c) Various Techniques and factors of horticulture.	15	
IV	Unit-4: Forestry a) Concept and Types of forestry b) Importance of forestry. c) Govt. role and peoples participation to promote forestry	15	
References: - Purohit, S.S. ‘Agriculture biotechnology’, Agro bolanica - Randhawa, G.S. and Mukhopadhyay, A. ‘Floriculture in India’, Allied publisher - Dwivedi, A.P. ‘A text book of silviculture’, An international book distributors - Vidyasekara, P. ‘Principles of plant pathology’, C B S publishers - Kim, H. T. ‘Principles of soil chemistry’, C R C Press - Sharma, R.K. ‘Agriculture at a glance: an enhanced competition explorer’, Daya publishin house - Salaria, A.S. ‘A 2 Z horticulture at glance-3’, Jain brothers			

Course Code	SEM – V Rural Resource Management	Credits	Lectures /Week
KUARD24504	Paper VII	3	3
Course Outcomes: After successful completion of this course, students would be able to - Remember the appropriate use of resources - Understand the significant role of resources in development - Apply his thoughts towards conservation of resources - Analyze the loss and need of resources			
Unit	Topics	No of Lectures	
I	Unit-1: Rural Resources a) Concept of resources- Types of resources b) Renewable resources, Non-renewable resources. c) Need of Conservation of resources.	15	
II	Unit-2: Land a) Formation of land, Features of land and Land use pattern. b) Conservation and quality of land. c) Measures to land development.	15	
III	Unit-3: Water Resources. a) Concept of water resources, Distribution of water, Properties and importance. b) Scarcity of water, Measures on water Scarcity c) Water conservation, Government schemes	15	
IV	Unit-4: Solid waste management. a) Concept of bio waste, solid waste, History. b) Problems of solid waste and consequences. c) Management of solid waste- Types, sources, methods.	15	
References: - Paul, J.C. and Chris, C.P. ‘Rural resource management’, - Rao, M.V, Suresh Babu, V., Suman Chandra, Ravindra Chary, G. ‘Integrated Land Use Planning for Sustainable Agriculture and Rural Development’, CRC Press - Raizada, A. and Patil, S.L. ‘Managing Natural Resources In The Drylands Constraints & Opportunities’, - David, M. ‘Water for food, water for life’, London and international water management			

Course Code	SEM – V Emerging Issues in Rural Development	Credits	Lectures /Week
KUARD24505	Paper VIII	3	3
Course Outcomes: After successful completion of this course, students would be able to - Remember the gravity of problems - Understand the seriousness of neglected problems - Apply his knowledge to reduce problems of rural development - Analyze the misuse of cultivable land			
Unit	Topics	No of Lectures	
I	Unit-1: Rural-Urban Regional Imbalance a) Provisions for Rural Development in five years plan b) Negligence of Rural Development c) Present Status of Rural Development	15	
II	Unit-2: Co-Operative Sector a) Concept and importance of Co-operative sector b) Types of Co-operative society's c) Causes of Decline of Cooperative Sector and Remedial Measures on it.	15	
III	Unit-3: Shrinking of Agricultural Land a) Acquisition of Land for Infrastructure Development, Housing and SEZ b) Impact of Acquisition of land on farmers c) Project affected people's movement	15	
IV	Unit-4: Water Pollution a) Causes of water pollution b) Impact of water pollution c) Remedial measures to control of water pollution	15	
References: - Scarlett Epstein, T. 'Redressing the Rural-Urban Imbalance', University of Sussex UK - Maurya, M.L. 'Rural Urban India-Imbalance in Growth', Shree Publishers and Distributers - Thaplia (Ed). 'Challenge of Liberalization to Indian Agriculture', Hyderabad NIRD - Bapat, J. 'Development projects and Critical Theory of Environment', Stage Publications, New Delhi. 'Economic Development and Social Change in South India', Manchester University Press - Singh, M. (2002) 'Population and Poverty in Developing World'			

Course Code	SEM – V Social Work for Rural Development	Credits	Lectures /Week
KUARD24506	Paper IX	3	3
Course Outcomes: After successful completion of this course, students would be able to - Remember the functions of social work sector - Understand the scope of social workers - Apply his emotions in problem solving approach - Analyze the need of patient			
Unit	Topics	No of Lectures	
I	Unit-1: Voluntary Sector a) Concept of voluntary work-volunteer, voluntary Organization and its various types b) Nature of voluntary sector c) Features of voluntary sector	15	
II	Unit-2: Emergence of voluntary sector a) Emergence and development of voluntary sector in India with special reference to Maharashtra. b) Role and significance of voluntary sector c) Principle and practices of management of voluntary sector	15	
III	Unit-3: Activities of voluntary sector a) Principle activities of voluntary organization b) Key issues before voluntary sector c) N.G.O and people's participation	15	
IV	Unit-4: Registration Process of Non- Government Organization a) Laws regarding registration of N.G.O. b) Requirements of documents for registration c) Revenue sources and expences of N.G.O.	15	
References: - Goel, O.P. 'Strategic management and policy issues of NGO's', Isha Books - Lall, R. 'The dynamics of NGO's', Dominant publisher and distributors - Goel, S.L. and Kumar, R. 'Administration and Management of NGO's', Deep and deep publication private ltd - Verma, S.B. and Pawar, Y.T. 'Rural empowerment through self-help groups (SHG's) and non-govtorganization(NGO' s) and panchayati raj institutions', Deep and deep publication private ltd - Chandra, A. 'Human right activism and role of NGO's', Rajat publication - Narayan, M.L. 'NGO's and rural poverty', Discovery publishing house - Prasad, B.K. 'NGO's and Development', Amol Publication Pvt. Ltd - Narayan, M.L. 'NGO's and child labour', Discovery Publishing House			

Course Code	SEM – VI Agriculture and it's Importance in Rural Development	Credits	Lectures /Week
KUARD24601	Paper IV	3	3
Course Outcomes: After successful completion of this course, students would be able to • Remember the role of various institutions in agriculture development • Understand the changing trends in agriculture • Apply the knowledge in policy making process • Analyze the requirements of agriculture			
Unit	Topics	No of Lectures	
I	Unit-5: Review of Agriculture Policies a) Green Revolution- Concept, Principles, Consequences and evaluation b) Green Revolution Pre and Post c) In the era of Liberalization Policy 1991 and onwards.	15	
II	Unit-6: Agricultural Education Extension and Research a) Indian Council of Agriculture and Research (ICAR) b) Role of Agricultural Universities and Krishi Vigyan Kendras (KVK) c) Structure and Functions of Department of Agriculture - Govt of Maharashtra	15	
III	Unit-7: Recent Trends in Agriculture a) Sustainable Agriculture b) Organic Farming c) Green House and Tissue Culture	15	
IV	Unit-8: Agricultural Related Activities. a) Group Farming - Concept, and importance b) Food and fruit processing Industries- Nature and importance. c) Women participation in Agricultural Sector.	15	
Practical	Do visit and write a report on any 3 of the following; a) Visit Agriculture Universities / KVK b) Visit Green House or tissue culture laboratory. c) Interaction with Progressive Farmers / Group farming d) Visit Agro processing unit e) Visit Organic Farm		

References:

- Agarwal A.N. 'Indian Economy - Problems of development and Planning'
- Achray, S.S. and Agarwal, N.L. 'Agriculture marketing in India'
- Ruddra, D. and Sundaram K.P.M. 'Indian Economy', S.Chand and Company Limited
- Raju V.T. and Rao D.V.S. 'Economic of Farm Production and Management', Oxford and IBH Publishing Co. Pvt. Ltd
- Karimandan, V. 'Principles and Practice of Agricultural Economics', Mangesh Prakashan

Course Code	SEM – VI Rural Marketing and Finance	Credits	Lectures /Week
KUARD24602	Paper V	3	3
Course Outcomes: After successful completion of this course, students would be able to • Remember the moral of financial institutions • Understand the role of financial institutions in economic development • Apply the knowledge in finding opportunities • Analyze the problems and available solutions			
Unit	Topics	No of Lectures	
I	Unit-5: Rural Finance a) Rural Finance - Concept, Nature and types b) Rural indebtedness – causes, consequences and remedial measures c) Sources of Rural Finance - Institutional and Non Institutional	15	
II	Unit-6: Financial Institution a) Co-operative Financial Institutions.-PCCS, DCCB and SCCB b) Role of NABARD in Rural Development. c) Regional Rural Banks.	15	
III	Unit-7: Micro Finance a) Concept, Origin and scope of micro finance. b) Significance of Self Help Group in Rural Development. c) Self Help Group – Bank linkages.	15	
IV	Unit-8: Problems of Rural Finance. a) Problems related to agriculture credit supply. b) Remedial measures and promotion of rural credit. c) Crop and livestock insurance and its importance.	15	
Practical	Do visit and write a report on any 3 of the following; a) Visit local / weekly market b) Study of self-help group c) Visit APMC d) Study of agricultural co-operative credit society e) Prepare application for agricultural finance		

References:

- Kashyp, P. and Rant, S. 'The Rural Marketing', Biztantra
- Kamat, M. and Krishanmoorthy R. 'Rural marketing', Himalaya Publishing House
- Desai, V. 'Small-scale industries and entrepreneurship', Himalaya Publishing House
- Sherlekar, S.A. 'Marketing Management', Himalaya Publishing House
- Acharya, S. S. and Agarwal, N.L. 'Agriculture Marketing in India', Oxford and IBH

Course Code	SEM – VI Applied Agriculture	Credits	Lectures /Week
KUARD24603	Paper VI	3	3
Course Outcomes: After successful completion of this course, students would be able to - Remember the role of agriculture industries in rural development - Understand the process of livestock caring and nurturing - Apply the various experiments in building of successful agri-business model - Analyze the loss and profit scenarios in agriculture business			
Unit	Topics	No of Lectures	
I	Unit-5: Animal husbandry a) Concept and scope of Animal husbandry- Goat, Sheep, Cattle, etc. b) Significance of Animal husbandry in rural development. c) Low productivity of Indian cattle's Causes and measurements.	15	
II	Unit-6: Poultry a) Concept and Essential factor of poultry farm. b) Significance of Poultry business in rural development. c) Govt. Schemes for promotion of poultry farming.	15	
III	Unit-7: Fishery a) Concept, nature and scope of Fishery. b) Various types of fishery and Govt. Schemes for promotion of fishery. c) Significance of fishery in rural development.	15	
IV	Unit-8: Processing of Agro-Allied Products. a) Concept and nature of Processing of agro-allied products. b) Types of agro-allied products. c) Importance of Processing of agro-allied products.	15	
Practical	Do visit and write a report on any 3 of the following; a) Visit Poultry farm b) Visit Fishery Centre / Research Institution c) Visit Dairy Farm / Sheep or Goat Unit d) Visit Nursery e) Visit Social forestry		
References: - Basu, A.R. 'Thermal engineering: Heat power', Dhanpat rai & co. pvt. Ltd. - Tandon, H.L.S. 'Methods of analysis of soil, plants, water, fertilizer & organic			

manure', F D C O

- **Muthiahmanoharan, P. 'Agricultural extension', Himalaya publishing**
- **Prasad, R. 'Field crop production', I C A R**
- **Shankar, 'Environment', IAS academy publication**
- **Joshi, V.K. and Verma, L.R. ' Post harvest technology of fruits and vegetables', Indus publishing house**

Course Code	SEM – VI Rural Resource Management	Credits	Lectures /Week
KUARD24604	Paper VII	3	3
Course Outcomes: After successful completion of this course, students would be able to - Remember the future development through AI - Understand the technical challenges in utilization of resources - Apply the available resources fruitfully - Analyze the need of resources critically			
Unit	Topics	No of Lectures	
I	Unit-5: Human Resources. a) Concept and Nature of human resources. b) Factors of Human resources management. c) Population Explosion- Education, Health related problems.	15	
II	Unit-6: Development of Infrastructure. a) Transport and communication (Electronic Media) b) Rural housing and rural electrification. c) Water Supply and Pure Drinking Water.	15	
III	Unit-7: Science and Technology for Rural Development. a) Use and importance of Technology for rural development. b) Issues regarding use of science and Technology in Rural Region. c) Role of Information Technology in Rural Development.	15	
IV	Unit-8: Rural Energy Resources. a) Concept, Importance and Scope. b) Traditional rural energy sources and their limitations c) Non-traditional energy sources	15	
Practical	Do visit and write a report on any 3 of the following; a) Study of natural resources in rural area b) Study of watershed development program c) Visit Primary Health Center d) Visit Energy Generate center e) Visit Zila Parishad School		
References: - Taylor, T.H. ‘Alternate Energy Sources’, Adam Hilger Ltd. - Rathore, N.S. ‘Alternate sources of energy’, ICAR			

- **Mishra, S.P. and Pandey, S.N. 'Essentials environment studies', Anebooks Pvt. Ltd**
- **Mishra, R. 'Ecology workbook', Scientific publisher**
- **Cox, D. 'Demography', Cambridge university press**
- **Raju, V.T. and Rao, D.V.S. 'Economics of farm production and management', Oxford and IBH publishing**

Course Code	SEM – VI Emerging Issues in Rural Development	Credits	Lectures /Week
KUARD24605	Paper VIII	3	3
Course Outcomes: After successful completion of this course, students would be able to - Remember the root cause of poverty - Understand the challenges faced by agricultural land - Apply the knowledge in conservation of resources - Analyze the economic crisis and measures			
Unit	Topics	No of Lectures	
I	Unit-5: Land Pollution a) Concept and various causes of land pollution b) Consequence of land pollution c) Remedial measures of land pollution	15	
II	Unit-6: Pressure of Population on Agricultural Land a) Concept and types of Rural Unemployment b) Causes and consequences of Sub-Division and Fragmentation of Land c) Migration - Types, causes and remedial measures	15	
III	Unit-7: Rural Poverty a) Concept of poverty b) Causes and Consequence c) Remedial measures	15	
IV	Unit-8: New economic policies and its impact a) LPG as manifestation in new economic policy b) Impact on agriculture and rural area artisans. c) Opening of rural area to capitalist classes in banking and marketing	15	
Practical	Do visit and write a report on any 3 of the following; a) Visit any project affected village b) Study of migrated people c) Visit Soil Conservation Department d) Visit any Co-operative / Nationalize / Private Bank in rural area e) Visit any Mall and study the Marketing of Agricultural Products.		
References: Mungekar, B.L. 'The Economy of Maharashtra, Changing Structure and Emerging Issues', Dr. Ambedkar Institute of Social and Economic Change			

- Mishra, P.C. 'Soil Pollution and Soil Organism', APH Publishing Corporation
- James, V.L. 'Agriculture and Soil Pollution', Nova Science Publishers Inc.
- Lillian, T. 'Migration and Economy- Global and Local Dynamics- Edt'
- Reddy, K.V. 'Agriculture and Rural Development (A Gandhian Perspectives)', Himalaya Publishing House

Course Code	SEM – VI Social Work for Rural Development	Credits	Lectures /Week
KUARD24606	Paper IX	3	3
Course Outcomes: After successful completion of this course, students would be able to - Remember the branches of social work - Understand the qualities require in social work - Apply the skills to become professional social worker - Analyze the need of social work in India			
Unit	Topics	No of Lectures	
I	Unit-5: Professional social work a) Concept- definition- characteristics –Objectives b) Steps of social work c) Social worker – approach – skilled and techniques	15	
II	Unit-6: Scope and field of social work a) Field of social work-primary and secondary b) Family welfare - child welfare - youth welfare - women welfare and welfare of old age and handicapped-community development c) Medical social work- labour welfare-crime and Correctional service	15	
III	Unit-7: Principle and method of social work a) Case work and group work b) Community organization c) Social work research, administration and management in social work	15	
IV	Unit-8: Social Research a) Concept and features of social research b) Importance and Motivating factors of research c) Report writing	15	
Practical	Do visit and write a report on any 1 of the following; a) Visit any NGO in vicinity within a District and prepare a detailed report b) Case study of Deaf school / Blind school / Orphanage / Old age home / Ashram school / Remand home / Women reformatory c) Prepare a proposal for registration of NGO		
References:			

- मोहन वैद्य, 'सेवाभावी व स्वयंसेवी संस्थांसाठी अर्थसहाय्याच्या ३०० योजना', विश्व प्रकाशन
- 'कोकणातील अरीस्थायी उपाय स्थानिकांच्या नजरेतून', संसाधने व उपजीविका गट प्रयास
- सुहास कुलकर्णी व श्याम देशपांडे, 'खरीखुरी टीम इंडिया युनिक फीचर्स', समकालीन प्रकाशन
- एम. यू. मुलाणी, 'महिला स्वयंसहाय्यता बचत गट', डायमंड प्रकाशन
- सु. गो. तपस्वी, 'विकासाच्या वाटा महाराष्ट्राच्या अनुभवातून', ग्रंथाली प्रकाशन
- Lochan, R. 'NGO's for Rural Development', Danigrahy Mohit Publication
- Puri, V.K. 'Handbook for NGO's an encyclopedia for non- govt organisation's and voluntary agencies Incorporating project proposal and implementation funding agencies, day work and all govt. aid schemes and facilities', Abhnav Publication

SEM- V

Evaluation Scheme for Third Year (UG) under Autonomy

I. Internal Evaluation for Theory Courses - 40 Marks

1) **Continuous Internal Assessment (CIA)**

Assignment - 20 marks

Ten questions all carrying equal marks

2) **Continuous Internal Assessment (CIA)**

Online Unit Test - 20 marks

Fill in the Blanks (5 marks)

State Whether True or False (5 marks)

Write Short Notes (10 marks)

II. External Examination for Theory Courses - 60 Marks

1) Duration: 2 Hours

Theory question paper pattern:

Question	Based on	Pattern	Marks
Q.1	Unit I	Any 2 of 3	12
Q.2	Unit II	Any 2 of 3	12
Q.3	Unit III	Any 2 of 3	12
Q.4	Unit IV	Any 2 of 3	12
Q.5	Short Note	Any 3 of 4	12

NOTE:

1. To pass the examination, attendance is compulsory in both Internal and External (Theory + Practical) Examinations.
2. Separate passing is applicable.

SEM- VI

Evaluation Scheme for Third Year (UG) under Autonomy

I. Internal Evaluation for Theory Courses - 40 Marks

1) **Internal Examination for Practical**

Field Visit - 20 marks

Journal - 10 marks

Viva-Voce - 10 marks

II. External Examination for Theory Courses - 60 Marks

1) Duration: 2 Hours

Theory question paper pattern:

Question	Based on	Pattern	Marks
Q.1	Unit I	Any 2 of 3	12
Q.2	Unit II	Any 2 of 3	12
Q.3	Unit III	Any 2 of 3	12
Q.4	Unit IV	Any 2 of 3	12
Q.5	Short Note	Any 3 of 4	12

NOTE:

1. To pass the examination, attendance is compulsory in both Internal and External (Theory + Practical) Examinations.
2. Separate passing is applicable.