

B.A/B.SC. GEOGRAPHY HONOURS

I, III & V SEMESTER

SYLLABUS DISTRIBUTION

SEMESTER II

GEOGRAPHY

COURSE 3

Course title: HUMAN GEOGRAPHY

Theory Credits: 6

SL. NO	SYLLABUS	TEACHER'S NAME
1	Unit 2 : Society, Demography and Ekistics <ul style="list-style-type: none">➤ Human, population and environment relations with special reference to development– environment conflict➤ Social morphology and rural house types in India➤ Types and patterns of rural settlements➤ Functional Classification of urban settlements	DR. SURAJIT LET
2	Unit 1: Nature and Principles <ul style="list-style-type: none">➤ Nature, scope and recent trends of Human Geography➤ Evolution of humans, concept of race and ethnicity; Major Racial Groups of the world	MR. GOTISUNDAR MUKHERJEE
3	Unit 2: Society, Demography and Ekistics <ul style="list-style-type: none">➤ Population growth and distribution, population composition; demographic transition model➤ Population–Resource regions	MR. SUBRATA DEWASI
4	Unit 1: Nature and Principles <ul style="list-style-type: none">➤ Space, society and cultural regions (language and religion)➤ Concept of Culture, Cultural Diffusion, Convergence, Cultural Realms of the world	MR. RASHBIHARI GARAIN
5	Unit 2: Society, Demography and Ekistics <ul style="list-style-type: none">➤ Evolution of human societies: Hunting and gathering, Pastoral nomadism, Subsistence farming, Industrial and urban societies➤ Human - environment relations with special reference to Arctic and hot desert regions	MR. SANJAY MANDAL

SEMESTER II**GEOGRAPHY****COURSE 4****Course title: Cartograms, Survey and Thematic Mapping (Theory)****Theory Credits: 4**

SL. NO	SYLLABUS	TEACHER'S NAME
	<ul style="list-style-type: none">➤ Preparation and interpretation of demographic charts and diagrams (Age-Sex Pyramid)➤ Interpretation of Land use and land cover maps	DR. SURAJIT LET
1	<ul style="list-style-type: none">➤ Basic concepts of surveying and survey equipments: Abneys Level, Clinometer➤ Basic concepts of surveying and survey equipments: Transit Theodolite	MR. GOTISUNDAR MUKHERJEE
2	<ul style="list-style-type: none">➤ Concepts of Cartograms and Thematic Maps➤ Concept, utility, and interpretation of :Climograph, Hythergraph and Ergograph➤ Concept and utility of Isopleths and Choropleth,	MR. SUBRATA DEWASI
	<ul style="list-style-type: none">➤ Concepts of Bearing: magnetic and true, whole-circle and reduced➤ Basic concepts of surveying and survey equipments: Prismatic Compass, Dumpy Level	MR. RASHBIHARI GARAIN

SEMESTER II**GEOGRAPHY****COURSE 4****Course title: Cartograms, Survey and Thematic Mapping (Practical)****Theory Credits: 2**

SL. NO	SYLLABUS	TEACHER'S NAME
1	<ul style="list-style-type: none">➤ Determination of Height of objects using Transit Theodolite (Accessible and Inaccessible bases)	MR. GOTISUNDAR MUKHERJEE
2	<ul style="list-style-type: none">➤ Diagrammatic representation of data: Star and Age-sex pyramid diagram, pie diagram➤ Representation of data on map by proportional circles, dots and spheres➤	MR. SUBRATA DEWASI
3	<ul style="list-style-type: none">➤ Contouring by Dumpy Level and Prismatic Compass➤ Isolines and Choropleth method.	MR. RASHBIHARI GARAIN

SEMESTER IV**GEOGRAPHY****COURSE 8****COURSE TITLE : REGIONAL PLANNING AND DEVELOPMENT****THEORY CREDITS : 6**

SL. NO	SYLLABUS	TEACHER'S NAME
1	Unit 2: Regional Development <ul style="list-style-type: none">➤ Concept of Regional Inequality and Disparity➤ Human Development: Significance, Indicators and Measurement	DR. SURAJIT LET
2	Unit 1: Regional Planning <ul style="list-style-type: none">➤ Concept and Classification of Regions➤ Types of Planning; Principles and Techniques of Regional Planning➤ Need for Regional Planning; Multilevel Planning in India➤ Metropolitan Concept: Metropolis, Metropolitan Areas, Metropolitan Region	MR. GOTISUNDAR MUKHERJEE
3	Unit 2: Regional Development <ul style="list-style-type: none">➤ Model for Regional Development in India: Growth Foci (R.P.Misra)➤ NITI Aayog and its Functions	MR. RASHBIHARI GARAIN
4	Unit 2: Regional Development <ul style="list-style-type: none">➤ Development: Meaning, Growth versus Development➤ Models for Regional Development: Growth Pole (Perroux) and Core Periphery (Hirschman)	MR. SUBRATA DEWASI
5	Unit 2: Regional Development <ul style="list-style-type: none">➤ Status of Regional Imbalances in India➤ Strategies for Regional Development in India	MR. SANJAY MANDAL

SEMESTER IV
GEOGRAPHY
COURSE 9
COURSE TITLE : ECONOMIC GEOGRAPHY
THEORY CREDITS : 6

SL. NO	SYLLABUS	TEACHER'S NAME
1	Unit 2: Economic Activities <ul style="list-style-type: none"> ➤ Concept and Classification of Economic Activities ➤ Highways: Roles in Economic Development of India since 1990s 	DR. SURAJIT LET
2	Unit 1: Concepts and Approaches <ul style="list-style-type: none"> ➤ Meaning and Approaches to Economic Geography ➤ Concepts in Economic Geography: Goods; Services; Production; Consumption ➤ Factors Influencing Location of Economic Activity and Forces of Agglomeration ➤ Determining Factors of Transport Cost Unit 2: Economic Activities <ul style="list-style-type: none"> ➤ International Trade Blocs: WTO and OPEC 	Dr. GOUTAM CHATTERJEE
3	Unit 2: Economic Activities <ul style="list-style-type: none"> ➤ Secondary Activities: Manufacturing (Iron and Steel in India and Japan, Petrochemical in India and USA) 	MR. GOTISUNDAR MUKHERJEE
4	Unit 2: Economic Activities <ul style="list-style-type: none"> ➤ Location Theories: Von Thünen and Alfred Weber ➤ Primary Activities: Subsistence and Commercial Agriculture; Forestry; Fishing 	MR. RASHBIHARI GARAIN
5	Unit 2: Economic Activities <ul style="list-style-type: none"> ➤ Tertiary Activities: Types of Trade and Services ➤ Agricultural Systems: Tea Plantation in India and Mixed Farming in Europe 	MR. SANJAY MANDAL

SEMESTER IV
GEOGRAPHY
COURSE 10
COURSE TITLE : ENVIRONMENTAL GEOGRAPHY (THEORY)
THEORY CREDITS : 4

SL. NO	SYLLABUS	TEACHER'S NAME
1	<ul style="list-style-type: none"> ➤ Geographers' Approach to Environmental Studies ➤ Changes in Perception of Environment in different stages of Human Civilization 	DR. SURAJIT LET
2	<ul style="list-style-type: none"> ➤ Environmental Degradation and Pollution: Water and Air 	MR. GOTISUNDAR MUKHERJEE
3	<ul style="list-style-type: none"> ➤ Ecosystem: Concept, Structure and Functions ➤ Environmental Issues related to Agriculture 	MR. SUBRATA DEWASI
4	<ul style="list-style-type: none"> ➤ Urban Environmental issues related to Waste Management 	MR. RASHBIHARI GARAIN
5	<ul style="list-style-type: none"> ➤ Concept and Issues related to Bio-diversity ➤ Environmental Programs and Policies on Forest and Wetland: National and Global 	MR. SANJAY MANDAL

SEMESTER IV

GEOGRAPHY

COURSE 10

COURSE TITLE : ENVIRONMENTAL GEOGRAPHY (PRACTICAL)

THEORY CREDITS : 2

SL. NO	SYLLABUS	TEACHER'S NAME
1	<ul style="list-style-type: none">➤ Quality assessment of soil using field kit: pH and NPK➤ Interpretation of air quality using CPCB / WBPCB data	DR. SURAJIT LET
2	<ul style="list-style-type: none">➤ Preparation of questionnaire for perception survey on environmental problems➤ Environmental Impact Assessment: Leopold Matrix	MR. RASHBIHARI GARAIN

SEMESTER IV
GEOGRAPHY
COURSE : SEC 2
COURSE TITLE : FIELD WORK (PRACTICAL)
THEORY CREDITS : 2

SL. NO	SYLLABUS	TEACHER'S NAME
1	<p>Guidelines for Fieldwork:</p> <p>The following methods are to be followed for fieldwork:</p> <ol style="list-style-type: none"> 1) Preparation of questionnaire for assessing the physical/cultural/environment/socio-economic components. A filled-in questionnaire used in the survey should be attached with the report signed by the concerned teacher and the student 2) Preparation of maps (hand-drawn) with suitable scale and latitude and longitude 3) Preparation of charts/graphs in MS-Excel and duly labelled 4) The report should be typed in MS-Word . The font size is fixed at 12 in Times NewRoman and the line spacing 1.5 5) Each field work should have a certificate of authenticity duly signed by the projectsupervisor 	<p>DR. SURAJIT LET & MR. SUBRATA DEWASI</p>

B.A/B.SC. GEOGRAPHY GENERAL

I, III & V SEMESTER

SYLLABUS DISTRIBUTION

SEMESTER II**GEOGRAPHY****COURSE – CC 1B****COURSE TITLE: CLIMATOLOGY, SOIL AND BIOGEOGRAPHY****Theory Credits: 4**

SL. NO	SYLLABUS	TEACHER'S NAME
1	<ul style="list-style-type: none">➤ Elements of weather and climate. Thermal and chemical composition and layering of the atmosphere.➤ Horizontal and vertical distribution of temperature➤	DR. SURAJIT LET
3	<ul style="list-style-type: none">➤ Forms of precipitation and types of rainfall➤ Tropical and Temperate Cyclones, Climatic Classification (Koppen)	MR. SUBRATA DEWASI
5	<ul style="list-style-type: none">➤ Definition of Biosphere and Biogeography. Meaning of Ecology, Ecosystem, Environment, Ecotone, Communities, Habitats and Biotopes.➤ Biomes: Rainforest and Temperate Grassland.➤ Definition of soil. Physical and chemical properties of soil (soil texture, colour and pH)➤ Soil forming factors. Soil formation (Podzol and Laterite)	MR. RASHBIHARI GARAIN

SEMESTER II

GEOGRAPHY

COURSE 4

COURSE TITLE: SURVEYING AND LEVELLING(PRACTICAL)

Theory Credits: 2

SL. NO	SYLLABUS	TEACHER'S NAME
1	<ul style="list-style-type: none">➤ Plane table survey by radiation method.➤ Drawing of longitudinal profile by Dumpy level	DR. SURAJIT LET
2	<ul style="list-style-type: none">➤ Definition and classification of surveying➤ Drawing of longitudinal profile by Dumpy level	MR. SUBRATA DEWASI

SEMESTER IV
GEOGRAPHY
COURSE – CC 1D
COURSE TITLE: ENVIRONMENTAL GEOGRAPHY
Theory Credits: 4

SL. NO	SYLLABUS	TEACHER'S NAME
1	➤ Concepts and approaches of Environmental Geography	DR. SURAJIT LET
	➤ Human-Environment Relationship in Mountain and Coastal Regions ➤ Environmental Problems and Management: Air and Water Pollution	MR. GOTISUNDAR MUKHERJEE
3	➤ Environmental Programmes and Policies: MAB ➤ Forest and Wild Life Policy of India	MR. SUBRATA DEWASI
	➤ Concept, Structure and Functions of Ecosystem	MR. RASHBIHARI GARAIN
5	➤ Environmental Movements in India: Chipko ➤ Wetlands: Ramsar Sites in India .	MR. SANJAY MANDAL

SEMESTER IV

GEOGRAPHY

COURSE – CC 1D

COURSE TITLE: ENVIRONMENTAL GEOGRAPHY (PRACTICAL)

Credits: 2

SL. NO	SYLLABUS	TEACHER'S NAME
1	➤ Soil Test using Kit : pH and Organic Carbon	DR. SURAJIT LET
3	➤ Mapping of Forest from Topographical Sheet	MR. SUBRATA DEWASI
	➤ Questionnaire for Air Pollution and Health Perception Survey	MR. RASHBIHARI GARAIN
5	➤ Mapping of Wetlands from Topographical Sheet	MR. SANJAY MANDAL

SEMESTER IV

GEOGRAPHY

COURSE – SEC II

COURSE TITLE: REGIONAL PLANNING AND DEVELOPMENT

Theory Credits: 2

SL. NO	SYLLABUS	TEACHER'S NAME
1	<ul style="list-style-type: none">➤ Definition of Region; Types of Regions➤ Regional Planning – Concept and Significance➤ Human Development Index – Concept and Indicators➤ Industrial Development in India Since 1990s	DR. SURAJIT LET
3	<ul style="list-style-type: none">➤ Planning Region: DVC➤ Preparation of Questionnaire on Waste Management	MR. SUBRATA DEWASI
	<ul style="list-style-type: none">➤ Preparation of Questionnaire on Sanitation and Health	MR. RASHBIHARI GARAIN
5	<ul style="list-style-type: none">➤ Agricultural Development in India Since 1970s	MR. SANJAY MANDAL