

SYLLABUS DISTRIBUTION GEOGRAPHY HONS -2017-18 ACADEMIC YEAR

Year	2 nd SEM(2017-18)									
Teacher's Name	G.S.M.		R.B.G.		S.D.		S.L.		S.M	
Paper Name	CC-3:Unit 1: Nature and Principles	CC-4 (Theory) - Cartograms, Survey and Thematic Mapping	CC-3:Unit 2: Society, Demography and Ekistics	CC-4 (Theory) - Cartograms, Survey and Thematic Mapping	CC-3: Unit 2: Society, Demography and Ekistics	CC-4 (Theory) - Cartograms, Survey and Thematic Mapping	CC-3:Unit 1: Nature and Principles	CC-4 (Theory)- Cartograms, Survey and Thematic Mapping	CC-3:Unit 2: Society, Demography and Ekistics	
Theory Units & Topics	3- Space, society and cultural regions (language and religion)	1. Concepts of Cartograms and Thematic Maps	1- Evolution of human societies	3. Concept, utility, and interpretation of Ergograph	4- Population- Resource regions	5. Concepts of Bearing : magnetic and true, whole-circle and reduced	1- Nature, scope and recent trends of Human Geography	7. Basic concepts of surveying and survey equipments: Prismatic Compass, Dumpy Level, Transit Theodolite	3- Population growth and distribution, population composition; demographic transition model	
	4- Concept of Culture, Cultural Diffusion, Convergence, Cultural Realms of the world	2. Concept and utility of Isopleths and Choropleth, Climograph, Hythergraph, Ergograph.	2- Human environment relations with special reference to Arctic and hot desert regions	4. Preparation and interpretation of demographic charts and diagrams	5- Human population and environment with special reference to development-environmentconflict	6. Basic concepts of surveying and survey equipments: Abneys Level, Clinometer	2- Evolution of humans, concept of race and ethnicity; Major Racial Groups of the world	8. Interpretation of Land use and land cover maps	6- Social morphology and rural house types in India	
									7- Types and patterns of rural settlements	
									8- Functional Classification of urban settlements	
Practical Units & Topics	CC-4(Practical):Cartograms & Thematic mapping									
	1- Diagrammatic representation of data: Star and pyramid diagram, pie diagram	2- Representation of data on map by proportional circles, dots and spheres, isolines and Choropleth method.	3- Contouring by Dumpy Level and Prismatic Compass					4- Determination of Height of objects using Transit Theodolite (Accessible and Inaccessible bases)		

Year	2 nd Year (2017-18)					
Teacher's Name	G.C	G.S.M.	R.B.G.	S.D.	S.L.	S.M
Paper Name	Paper-III: Climatology, Soil Geography & Biogeography					
Theory Units & Topics		3.1-Soil: Definition, Factors of Formation and Development of Soil Profiles	4.1-Definitions of Biosphere and Biogeography, Meaning of Ecology, Ecosystem, Environment, Ecotone, Communities, Habitats, Niche, Biotopes and Biomes	5.1-Impact of Climate and Soil on Distribution of Flora and Fauna	1.1-Insolation and Heat Budget, Horizontal and Vertical Distribution of Temperature with particular reference to Normal Distribution and Types of Inversion	2.1-Origin and Classification of Air Mass, Frontogenesis and Frontolysis
		3.2-Physical and Chemical Properties of Soil with special reference to Texture, Structure, Organic Matter and pH	4.2-Biosphere and Energy: Energy Sources, Laws of Energy Exchange, Food Chains and Flow of Energy	5.2-Bio-Climatic Regions in India and their Characteristics	1.2-Forms and Processes of Condensation, Mechanism of Precipitation, Distribution of Rainfall	2.2-Origin and Characteristics of Tropical and Temperate Cyclones
		3.3-Concept of Zonal, Azonal and Intrazonal Soil, Formation and Profile Characteristics of Podsol, Laterite and Chernozem	4.3-Factors of Plant Ecology: Light, Heat, Moisture, Wind and Topography	5.3-Wildlife Conservation in India: Projects and their Importance with Special Reference to Tiger and Crocodile	1.3-Planetary Wind System with Special reference to Tri-Cellular Model	2.3-Classification of World Climate: Schemes of Köppen and Thornthwaite (1936 and 1948)
		3.4-Soil Erosion and Conservation	4.4-Biomes: Tropical Rainforests and Temperate Grasslands	5.4-Biodiversity and its Importance with reference to Sundarbans	1.4-Genesis of Monsoon with particular reference to Jet Stream	2.4-Climatic Change, Evidences and Causes
Practical Units & Topics	Paper-IV: Analytical Techniques in Geo.					
	1.1-Data Management			4.1-Construction of profile	3.1-Barometer, Hygrometer & Thermometer	
	1.2-Frequency distribution			4.2-Stream frequency and drainage density	3.2-Determination of soil texture	
1.3-Measures of central			4.3-Average slope	3.3-Planimeter		

	tendency					
	1.4- Measures of dispersion			4.4- Interpretation of relief	3.4-Rocks & minerals	
	2.1- Correlation & Regression			4.5- Interpretation of settlement		
	2.2- Time series analysis			5.6-Relation b/n physical & cultural elements		
	2.3- Standard scores					
	2.4- Residual mapping					