

**Polba Mahavidyalaya**

**Departmental Lesson Plan 2018 – 2019**

Name of the Department: Geography

Name of the Programme: B.A. /B.Sc. (~~Honours~~/ General)

Name of the Course: (Subject) : B.A. /B.Sc. Geography [~~Honours~~/ General]

Period of the Lesson Plan : 1<sup>st</sup> July 2018 – 30<sup>th</sup> June 2019

Academic Period	Class.	Paper	Topic to be covered		No of Lectures/P ractical	Name of the Teachers	Internal Assessment				
			Unit	Topic							
July 2018 to January 2019	SEM 1	CC 1A: Geomorphology and Cartography	<u>Unit 1:</u> Geotectonics and Geomorphology	Weathering: Types and related landforms.	60	BD	3 <sup>rd</sup> Week of December				
				Lithosphere – Internal Structure of Earth based on Seismic Evidence,		BD					
				Plate Tectonics and its associated landforms		AB					
				Landform development in arid regions		AB					
				Landform development in glaciated regions.		AB					
				Development of fluvial landforms		AB					
				Fluvial Cycle of Erosion – Davis and Penck		BD					
				Hydrological Cycle and ground water.		BD					
			<u>Unit II:</u> Scale and Cartography	Linear and Comparative scale		BD					
				Proportional diagrams: Circles and squares		BD					
				Composite bar diagram and age-sex pyramid.		BD					
				Taylor’s Climograph and Hythergraph		AB					
			SEM 3	CC1C: Human Geography and Map Study		<u>Unit 1:</u> Human Geography		Definition, Nature, Major Subfields, Contemporary Relevance	60	AB	2 <sup>nd</sup> Week of December
								Space and Society: Cultural Regions; Race; Religion and Language		AB	
Eskimos: Adjustment to the environment and recent development	AB										
Population: Population Growth and Demographic Transition Theory	AB										
Types of population migration with reference to India	AB										

				World Population Distribution and Composition (Age, Gender and Literacy)	60	AB	2 <sup>nd</sup> Week of December	
				Settlements: Types and Patterns of Rural Settlements;		BD		
				Classification of Urban Settlements; Functional classification of towns		BD		
				Unit II: Map Projection and Map interpretation		Simple Conical projection with one standard parallel		BD
				Cylindrical Equal Area projection		BD		
				Interpretation of Topographical maps: Relation between Physiography, drainage and settlement		AB		
				Interpretation of weather maps		BD		
		SEC 1: COMPUTER BASICS AND COMPUTER APPLICATION	Theory		Numbering Systems; Binary Arithmetic	60	AB	
					Data Computation, Storing and Formatting in Spreadsheets: Computation of Rank, Mean, Median, Mode, Standard Deviation, Moving Averages, Derivation of Correlation, Covariance and regression; Selection of technique and interpretation.		AB	
					Preparation of Annotated Diagrams and its interpretation: Scatter diagram and Histogram		BD	
					Internet Surfing: Generation and extraction of information		AB	
		Third Year	IV A: GEOGRAPHY OF INDIA	Theory	Physical aspects	60	AB	
Socio-economic aspects	AB							
IV B: ANALYTICAL TECHNIQUES IN GEOGRAPHY	Practical		Statistical techniques	40	BD			
				BD				
February 2019 to June 2019	SEM 2	CC 1B: CLIMATOLOGY, SOIL AND BIOGEOGRAPHY	Theory	Elements of weather and climate. Thermal and chemical composition and layering of the atmosphere.	60	BD	3 <sup>rd</sup> Week of May	
				Horizontal and vertical distribution of temperature		BD		
				Forms of precipitation and types of rainfall		AB		
				Tropical and Temperate Cyclones, Climatic Classification (Koppen)		AB		
				Definition of soil. Physical and chemical properties of soil (soil texture, colour and pH)		BD		
				Soil forming factors. Soil formation (Podzol and Laterite)		BD		

				Definition of Biosphere and Biogeography. Meaning of Ecology, Ecosystem. Environment, Ecotone, Communities, Habitats and Biotopes		AB	
				Biomes: Rainforest and Temperate Grassland.		AB	
SEM 4	CCID: ENVIRONMEN TAL GEOGRAPHY	Theory	Concepts and approaches of Environmental Geography:	60	AB	2 <sup>nd</sup> Week of May	
			Concept, Structure and Functions of Ecosystem		AB		
			Human-Environment Relationship in Mountain and Coastal Regions		BD		
			Environmental Problems and Management: Air and Water Pollution		BD		
			Environmental Programmes and Policies: MAB		BD		
			Forest and Wild Life Policy of India		BD		
			Environmental Movements in India: Chipko		AB		
			Wetlands: Ramsar Sites in India		AB		
			Practical		Questionnaire for Air Pollution and Health Perception Survey		AB
					Soil Test using Kit : pH and Organic Carbon		AB, BD
	Mapping of Wetlands from Topographical Sheet	BD					
	Mapping of Forest from Topographical Sheet	BD					
	SEC 2: REGIONAL PLANNING AND DEVELOPME NT			Definition of Region; Types of Regions	40	BD	2 <sup>nd</sup> Week of May
				Regional Planning – Concept and Significance		BD	
				Human Development Index – Concept and Indicators		BD	
				Agricultural Development in India Since 1970s		BD	
Industrial Development in India Since 1990s				AB			
Planning Region: DVC				AB			
Preparation of Questionnaire on Sanitation and Health				AB			
Preparation of Questionnaire on Waste Management				AB			
Third Year	IV A: GEOGRAPHY OF INDIA	Theory	Regional Aspects	60	AB	2 <sup>nd</sup> Week of March	
	IV B: ANALYTICAL TECHNIQUES IN GEOGRAPHY	Practical	Laboratory Work	40	BD		

AB- Ayan Banerjee BD- Biswajit Dhara