Polba Mahavidyalaya

Departmental Lesson Plan 2022 – 2023

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 : 1st July 2022 – 30th June 2023

Academic Period	Class.	Paper	Topic to be covered		No of Lectures/P	Name of the Teachers	Internal Assessm
			Unit	Торіс	ractical		ent
July 2022 to January 2023	SEM 1	CC 1A: Geomorphology and Cartography	Unit 1: Geotectonics and Geomorphology	Weathering: Types and related landforms.	60	RD	3rd Week of Decemb er 2nd Week of Decemb er
				Lithosphere – Internal Structure of Earth based on Seismic Evidence,		RD	
				Plate Tectonics and its associated landforms		RH	
				Landform development in arid regions		RH	
				Landform development in glaciated regions.		RH	
				Development of fluvial landforms		RH	
				Fluvial Cycle of Erosion – Davis and Penck		RD	
				Hydrological Cycle and ground water.		RD	
			Unit II: 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	4 CC1C: Human Geography and Map Study	<u>Unit 1:</u> Human Geography	Definition, Nature, Major Subfields, Contemporary Relevance		RH	
				Space and Society: Cultural Regions; Race; Religion and Language		RH	
				Eskimos: Adjustment to the environment and recent development		RH	
				Population: Population Growth and Demographic Transition Theory		RH	

SEM DSE- 5 Theory Theory Formation RD SEM DSE- 5 Theory Theory Theory RD AB SEM DSE- 5 Theory Theory Source of and strein strein and theory RD Need of Researce of the strein strein and Map AB Need of Researce of the strein strein and Map RD Need of Researce of the strein and Map Need of Researce of the strein and Map Strein strein RD RD Need of Researce of Researce of the strein and Map Need of Researce of the strein and Map Strein strein RD RD Need of RD N								
SEC 1: COMPUTER BASES AND COMPUTER BASES AND COMPUTER BASES							RH	
SEM DSE- 1A:Economic Geography Economic Geography Economic Geography Settlements: Geography Field Report RD RD SEM DSE- 1A:Economic Geography Theory Contraction Contract					and Composition (Age, Gender		RH	
SEC 1: Compression of Rank, Mean, Median, Mode, Standard parallel BD 2nd SEC 1: Compression of Rank, Mean,							RD	
SEC 1: COMPUTER Theory Numbering Systems; Binary 60 AB SEC 1: COMPUTER Numbering Systems; Binary 60 AB COMPUTER Theory Numbering Systems; Binary 60 AB APPLICATION Data Computation, Storing and Formating in Spreaksheets; Computation of Rank, Mean, Median, Mole; Standard AB 80 SEC 1: Theory Numbering Systems; Binary 60 AB SEC 1: Computation of Rank, Mean, Median, Mole; Standard AB 80 Preparation of Rank, Mean, Median, Mole; Standard AB 80 SEC 1: Computation of Correlation of Correlation and schredinge and interpretation. AB SEM DSE- Economic Geography Geography Geography Geography Geography Geography Geography AB Theory of Industrial Location - Weber RH Week of Decremb rer SEM DSE- Economic Geography Geography Geography Geography Geography Geography Field Report Reort writing based on field and Partication Agriculture BD SEC 3: Field Field Report Reort writing based on field aury AB Veck of Decemb crephical Bnobry Signifficance of Field Work in Geographical Studies					Classification of Urban Settlements; Functional		RD	
SEM DSE. Economic Control Interpretation Cylindrical Equal Area BD 2nd Week of SEC 1: Theory Theory Numbering Systems; Binary 60 AB COMPUTER Theory Numbering Systems; Binary 60 AB APPLICATION Data Computation, Storing and Formatting in Spreadsheets: AB COMPUTER APPLICATION Formatting in Spreadsheets: AB COMPUTER APPLICATION Formatting in Spreadsheets: AB Computation of Rank, Mean, Moving Averages, BD AB Control Covariance and regression; Selection of Icchnique and RD Interpretation: Generation AB Interpretation: Generation AB Interpretation: Generation AB SEM DSE. Economic Geography IA:Economic Geography Geography Geography Verber Theory of Industrial Location - RH Theory of Industrial Location - RH Week of Docemb Contor Textle Industry. Petro- Chemical Industry Cohemical Industry AB Theory of Industrial Location - AB Ther				Map Projection	Simple Conical projection with		BD	
SEM DSE- 1 Section of Substance Area and settlement Ferometric Interpretation of Topographical Section of Topography, drainage and settlement 60 AB SEC 1: COMPUTER BASICS AND COMPUTER ASICS AND COMPUTER ASICS AND COMPUTER APPLICATION Theory Theory Arithmetic Numbering Systems; Binary Arithmetic 60 AB Data Computation, Storing and Formation, Mode, Standard Deviation, Moxing Averages, Derivation of Carrelation, Covariance and regression; Selection of technique and interpretation: Seatter diagram and Histogram Internet Surfing: Generation and extraction of Information 60 AB SEM DSE- 1A:Economic Geography Economic Geography Geography Scope and Content of Economic Geography Von Thumen Theory of Land Uvan Thumen Theory of Land Detroition Theory of Industrial Location- Werk Subsistence Farming Internet Suffing: Generation and Petroleum) 60 RH 1 st Week of BD SEC 3: Field Teeld Report Field Report Report Field Work in Geography AB AB SEC 3: Field Teeld Report Significance of Field Work in Geography AB RH Week of AB					Cylindrical Equal Area		BD	Week of
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SEC 1: COMPUTER BASICS AND COMPUTER Theory Preparation of Venter Imps Arithmetic 60 AB Data Computation, Storing and Formatting in Spreadsheets: Computation of Rank, Mean, Median, Mode, Standard Deviation, Moving Averages, Derivation of Carching and interpretation: Statter diagram and Histogram 60 AB SEM DSE- 5 Economic Geography Economic Geography RD RD SEM DSE- 1A:Economic Geography Economic Geography Economic Geography Scope and Content of Economic Geography 60 RH Types of Farming Intersets Subsistence Farming and Plantation Agriculture Commercial Fishing RH 1 st Week of Decemb er SEC 3: Field Techniques And Survey Based Project Renor Field Report Report Field Work in Geographical Study Area – Rural 40 RH 1 st Week of RH						-	RD	
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Project Report Selection of Study Area – Rural er			Techniques And			40	RH	Week of
							RH	

				Field Techniques Merita		RD	
				Field Techniques – Merits, Demerits and Selection of the			
				Appropriate Technique;			
				Observation (Participant / Non			
				Participant)			
				Questionnaires (Open/ Closed /	-	BD	
				Structured / Non-Structured)		22	
				Interview with Special Focus on	-	BD	
				Focused Group Discussions			
					-	AB	
				Designing the Field Report –			
				Aims and Objectives,			
				Methodology, Analysis,			
				Interpretation and Writing the			
				Report	-	AB	
				Practical field report			
February	SEM	CC 1B:	Theory	Elements of weather and	60	BD	3 rd Week of
2023 to June 2023	2	Climatology, Soil and		climate. Thermal and chemical composition and layering of the			Week of May
June 2023		Biogeography		atmosphere.			wiay
		Diogeography		Horizontal and vertical		BD	
				distribution of temperature			
				Forms of precipitation and		RH	
				types of rainfall	_		
				Tropical and Temperate		RH	
				Cyclones, Climatic			
				Classification (Koppen)		RD	
				Definition of soil. Physical and chemical properties of soil (soil		KD	
				texture, colour and pH)			
				Soil forming factors. Soil	-	RD	
				formation (Podzol and Laterite)			
				Definition of Biosphere and		AB	
				Biogeography. Meaning of			
				Ecology, Ecosystem.			
				Environment,Ecotone,			
				Communities, Habitats and Biotopes			
				Biomes: Rainforest and	-	AB	
				Temperate Grassland.		AD	
	SEM	ENVIRONMEN	Theory	Concepts and approaches of	60	RH	2 nd Week of May
	4			Environmental Geography:			
		TAL		Concept, Structure and		RH	
		GEOGRAPHY		Functions of Ecosystem	-		
				Human-Environment		BD	
				Relationship in Mountain and Coastal Regions			
				Environmental Problems and	-	BD	
				Management: Air and Water		00	
				Pollution			
				Environmental Programmes	-	RD	
				and Policies: MAB			
				Forest and Wild Life Policy of		RD	
				India Environmental Movements in		AB	
				India: Chipko		AD	
				Wetlands: Ramsar Sites in	1	AB	
			1	India			

			Practical	Questionnaire for Air Pollution and Health Perception Survey		RH	
				Soil Test using Kit : pH and Organic Carbon		AB,RD	
				Mapping of Wetlands from		BD	
				Topographical Sheet Mapping of Forest from Topographical Sheet		BD	
		SEC 2: REGIONAL	N	Topographical Sheet Definition of Region; Types of Regions	40	RD	2nd Week of
		PLANNING AND		Regional Planning – Concept and Significance		RD	May
		DEVELOPMEN T		Human Development Index – Concept and Indicators		BD	
		-		Agricultural Development in India Since 1970s		BD	
				Industrial Development in India Since 1990s		RH	-
				Planning Region: DVC	1	RH	—
				Preparation of Questionnaire on Sanitation and Health		AB	
				Preparation of Questionnaire		AB	
				on Waste Management			
	SEM 6			Meaning and Classification of Hazards and Disasters.	60	RH	1 st Week of May
				Approaches to hazard study: Risk perception and		RH	
				vulnerability assessment Responses to hazards:		RH	
				Preparedness, trauma and		КН	
				aftermath. Resilience and capacity building.			
				Hazard mapping: Data and techniques.		RH	
				Earthquake: Causes, Consequences and Management		AB	
				Landslide: Causes, Consequences and Management		AB	
				Cyclone: Causes, Consequences and Management		AB	
				Flood: Causes, Consequences and Management		AB	
		SEC-4:	THEORY	Soil Sampling Techniques	40	RD	1 st
	COLLECTION MAPING AND INTERRETATI ON OF PEDALOGICA L DATA	MAPING AND	AND	Representation of Soil Texture Data using Ternary Diagram		RD	Week of May
		ON OF		Estimation of Nitrogen using Soil Kit		AB	
			Estimation of Soil pHusing Soil Kit		AB		
				Estimation of Soil Organic Carbonusing Soil Kit		AB	
				Analysis and Mapping – pH and Organic Carbon		AB	

RH- Dr. Rituparna Hajra

RD- Rajesh Das

AB- Ayan Banerjee

BD- Biswajit Dhara