

Syllabus Distribution (CBCS)
Department Geography
Malda College
Semester-VI (Honours), 2025

PAPER	UNIT	TEACHERS
DC13A: Disaster Management (Theory)	1. Classification of hazards and disasters approaches to hazard study	AD
	2. Risk perception and vulnerability assessment, hazard paradigms	MFR
	3. Responses to hazards: Preparedness, trauma and aftermath. Resilience and capacity building.	NK
	4. Factors, vulnerability, consequences and management of hydrologic disasters (Flood & Drought)	MR
	5. Factors, vulnerability, consequences and management of Geologic disasters (Earthquake & Landslide)	LDT
	6. Factors, vulnerability, consequences and management of Atmospheric disasters (Cyclones)	CB
DC13B: Disaster Management (Practical)	1. Flood Frequency Analysis (Time series)	LDT
	2. Flood year determination based on peak flow data in reference to danger and extreme danger level	NK
	3. Hydrological Drought Analysis: Standardized Precipitation Index (SPI)	MR
DC14A: Evolution of Geographical Thought (Theory)	1. Definition, nature, scope and contents of Geography, Development of Geography and contributions of Greek, Roman and Indian geographers; Impact of 'Dark Age' on Geography and Arab contributions 2. Transition from Cosmography to Scientific Geography (Contributions of Bernard Varenius and Immanuel Kant); Dualism and Dichotomies (General vs. Particular, Physical vs. Human, Regional vs. Systematic, Determinism vs. Possibilism, Idiographic vs. Nomothetic) 3. Evolution of Geographical thoughts after	NK

	pre-modern phase, contribution of German, French, British and America school of thought, Contributions of Humboldt and Ritter	
	4. Quantitative Revolution and its impact, behaviouralism, systems approach, radicalism, feminism in geography 5. Concept of hypothesis, theory, law and model, Changing concept of space in geography, Geography in the 21st Century	MFR
DC14B: Evolution of Geographical Thought (Practical)	1. Hypothesis testing: t test, z test, chi square test (data base computation, testing and inferences)	MFR
DSE3A: Human Geography (Theory)	1. Nature, scope, approaches and recent trends; elements of Human Geography 2. Evolution of humans, concept of race and ethnicity 3. Space, society and cultural regions (language and religion), evolution of human societies- hunting and food gathering, pastoral nomadism, subsistence farming, industrial and urban societies	AR
	4. Human adaptation to the environment: Eskimo, Masai, Jarwa, Gaddi, Santhals.	AD
	5. Population–Resource regions (Ackerman) 6. Human population and environment with special reference to development–environment conflict	MFR
DSE3B: Human Geography (Practical)	1. Population Potential and Mean Centre of Population	MR
	2. Computation of Human Development Index (HDI)	AR
	1. Scope and trends of subject, Understanding Climate Change with reference to the Geological Time Scale	NK
	2. Evidences and factors of climate change, Green House Gases and Global Warming	MR

SEC2: Climate Change: Vulnerability and Adaptations (Theory)	3. Electromagnetic spectrum, Atmospheric window, heat balance of the earth	MFR
	4. Economic and social impact of climate Change, impacts on Agriculture and Water; Flora and Fauna; Human Health and morbidity	CB
	5. Global initiatives to climate change mitigation: Kyoto Protocol, Carbon trading, Clean development mechanism, COP, Climate fund	AR
	6. Climate change vulnerability assessment and adaptive strategies with particular reference to South Asia, IPCC reports, National Action Plan (of India) on Climate Change	LDT

Syllabus Distribution
Department Geography
Malda College
Semester-VI(General), 2025

Paper	Topics	Teacher's Name
DSE3A: Oceanography (Theory)	1. Characteristics and features of ocean floor 2. Physical properties of sea-water with reference to Temperature, Salinity and Density,	C.B
	3. Causes and significance of ocean currents. 4. Origin and characteristics of coral reefs and atolls	A.D
DSE3B- Practical	1. Construction of hydrograph and Rating curve	MFR
	2. Calculation and construction of Temperature-Salinity (TS) diagram.	
SEC-2 Fieldwork Techniques and Field Report	1.Sources of data: Primary and secondary; Methods of collection of primary data; 2.Preparation of Questionnaire/ Survey schedule	MR

	3.Data representation techniques: Frequency distribution table and Histogram, Frequency polygon, Frequency curve, Cumulative Frequency polygon, Cumulative Frequency curve (ogive), 4.Data analysis techniques: Mean, median, mode, partition values, range, mean deviation, quartile deviation	AR
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