SYLLABUS BREAKUP
CLASS -XI (2025-2026)
GEOGRAPHY (029)

Month	Name of the book	Unit/Ch no	Name of the chapter	Detailed split up
APRIL - MAY	India Physical Environment	**Unit I/ Ch 1**	India – Location	* Introduction: -Size * Location –Space Relations And * India's Place in The World * India And Its Neighbors
	India Physical Environment	**Unit II/ Ch 2**	Structure and Physiography	* Geological History and Structure and Relief * The Peninsular Block * The Himalayas and other Peninsular Mountains * Indo- Ganga- Brahmaputra Plain. * The Indian Desert * The Islands
	Fundamentals Of Physical Geography as A Discipline	**Unit I/ Ch 1**	Geography As a Discipline	Introduction to Geography as a discipline ***** Geography as an integrating discipline: Spatial and Temporal synthesis ***** Approaches to study Geography: Systematic and Regional ***** Branches of Geography: Physical Geography, Human Geography and Bio Geography ***** Physical Geography and its importance
			REVISION AND PROBLEM-SOLVING SESSION	
			MAY 19, 2025, WEEKLY TEST	
JULY 2- AUGUST 9	Fundamentals Of Physical Geography as A Discipline	**Unit II/ Ch 2**	Origin And Evolution Of The Earth	● Origin and evolution of the earth ● Early theories: Origin of the Earth ● Modern Theories: Origin of the universe ● Formation of Stars and Planets ● Evolution of the Earth: Lithosphere, Atmosphere and Hydrosphere ● Origin of Life
	Fundamentals Of Physical Geography as A Discipline	**Unit II/ Ch 3**	Interior Of the Earth	● Sources of Information about the Interior of the Earth (Direct and Indirect) ● Earthquakes: Earthquake Waves, Shadow zones, Types, Scales to measure earthquake intensity, effects, frequency of earthquake occurrences ● Structure of the Earth ● Volcanoes and Volcanic landforms

	Fundamentals Of Physical Geography As A Discipline	**Unit II/ Ch 4**	Distribution Of Oceans and Continents	● Continental Drift Theory, and Evidence in support of Continental Drift and Force for Drift ● Post Drift Studies ● Ocean Floor Configuration ● Distribution of Earthquakes and Volcanoes ● Concept of Seafloor Spreading ● Plate Tectonics: Types of Plate boundaries, Rate and forces for the Plate Movement ● Movement of the Indian Plate
	Fundamentals Of Physical Geography as A Discipline	**Unit III/ Ch 5**	Geomorphic Processes	• Geomorphic processes: Exogenic and Endogenic • Endogenic Process: Diastrophism, Volcanism • Exogenic Processes Weathering, landslides. • Soil: Processes and factors of Soil Formation
	REVISION AND PROBLEM-SOLVING SESSION			
	AUGUST 11, 2025, WEEKLY TEST II			
August 12-AUGUST 30	Fundamentals Of Physical Geography as A Discipline	**Unit III/ Ch 6**	Landforms and their Evolution	* Erosional And Depositional Landforms: **Running water:** Erosional and Depositional Landforms ● **Wind:** Erosional and Depositional Landforms
	Fundamentals Of Physical Geography as A Discipline	**Unit IV/ Ch 7**	Composition and structure of Atmosphere	• Atmosphere- composition and structure; elements of weather and climate
September	India Physical Environment	**Unit II/ Ch 3**	Drainage system	* Drainage Systems of India, Drainage patterns, Concepts of River basin, Catchment Area, Watershed * The Himalayan Drainage, The Indus System, * The Ganga System, The Brahmaputra System, * The Peninsular Drainage System, River Regimes, * Extent Of Usability Of River Water
MAP REVISION AND PROBLEM-SOLVING SESSION				
ALL ABOVE CHAPTERS INCLUDING WEEKLY TEST SYLABUS ALONG WITH MAP WORK OF 'FUNDAMENTALS OF PHYSICAL GEOGRAPHY AS A DISCIPLINE' AND' INDIA PHYSICAL ENVIRONMENT' WIIL BE EVALUATED IN HALF YEARLY EXAMINATION				
HALF YEARLYEXAMINATION : SEPTEMBER SECOND WEEK, 2025 ONWARDS				

Month	Name of the book	Unit/Ch no	Name of the chapter	Detailed split up
October 1- October 31	Fundamentals Of Physical Geography as A Discipline	**Unit IV/ Ch 8**	Solar radiation, Heat Balance and temperature	* Solar Radiation, * Variability Of Insolation * Heating And Cooling of Atmosphere, * Heat Budget of the Planet Earth, * Factors Controlling Temperature Distribution,
	Fundamentals Of Physical Geography as A Discipline	**Unit IV/ Ch 9**	Atmospheric Circulation and Weather Systems	● Atmospheric Pressure: Horizontal and Vertical Variation of Pressure ● Forces affecting velocity and direction of Wind ● General Circulation of the atmosphere: Pressure belts; Winds: Planetary, Seasonal and Local; Air masses and Fronts; Tropical and Extratropical cyclones; Thunderstorms and Tornadoes
November 1 November 30	Fundamentals Of Physical Geography as A Discipline	**Unit IV/ Ch 10**	Water in Atmosphere	• Humidity-Absolute and Relative humidity • Evaporation and condensation- • Different Forms of Condensation: dew, frost, fog, mist and cloud;
	Fundamentals Of Physical Geography as A Discipline	**Unit IV/ Ch 11**	World Climate and Climate Change **(To be tested through internal assessments in the form of project and presentation)**	* Koeppen's Classification of Climate * Climate Change History and Causes, * Global Warming * International Efforts
	India Physical Environment	**Unit III/ Ch 4**	Climate	* Unity And Diversity in The Monsoon Climate Factors Determining the Climate of India * Mechanism Of Weather in The Winter Season The Summer Season, Nature of Indian Monsoon * Rain-Bearing Systems and Rainfall Distribution, ● Monsoon and the Economic Life in India ● Global Warming
DEC 1- 15	Fundamentals Of Physical Geography as A Discipline	**Unit V/ Ch 12**	Water (Oceans)	• Hydrological Cycle • Major and Minor Relief Features of the Ocean Floor • Temperature and Salinity of Ocean Waters: Factors, Horizontal and Vertical distribution of temperature and Salinity
	REVISION AND PROBLEM SOLVING SESSION DECEMBER 17 ,2025 WEEKLY TEST (Term II)			

DEC 16-				
	Fundamentals Of Physical Geography as A Discipline	**Unit V/ Ch 13**	Movements of Ocean Waters	* Waves, Characteristics of Waves * Tides, Importance of Tides * Ocean Currents, Types of Ocean Currents, * Effects Of Ocean Currents,
January 7-20	India Physical Environment	**Unit III/Ch 5**	Natural Vegetation	* Natural vegetation - Introduction ● Forest types and distribution ● Conservation of forests ● Wildlife; conservation; biosphere reserves
	Fundamentals Of Physical Geography as A Discipline	**Unit V/ Ch 16**	Biodiversity and Conservation **(To be tested through internal assessments in the form of project and presentation**	* Genetic Diversity, Importance of Biodiversity, * Ecological Role of Biodiversity, economic Role of Biodiversity * Loss of biodiversity conservation of biodiversity
	India Physical Environment	**Unit IV/ Ch 6**	Natural Hazards and Disasters **To be tested through internal assessment in the form of Projects and presentation)**	* Classification Of Natural Disasters * Natural Disasters and Hazards in India * Causes And effects Of Droughts, earthquakes, * Tsunami, tropical Cyclone, * Floods, droughts, landslides, * Disaster Management
Jan 21 - February 10	**MAP REVISION AND PROBLEM-SOLVING SESSION AND PRACTICAL PRACTICE**			
	ANNUAL EXAMINATION FEBRUARY12 2025 ONWARDS			
	ALL CHAPTERS ALONG WITH MAP WORK OF 'FUNDAMENTALS OF PHYSICAL GEOGRAPHY AS A DISCIPLINE' (Except chapters 11 World Climate and Climate Change and 14 (To be tested through internal assessments in the form of project and presentation) **AND 'INDIA PHYSICAL ENVIRONMENT' (Except Chapter 6 Natural Hazards and Disasters (To be tested through internal assessment in the form of Projects and presentation) WILL BE EVALUATED IN ANNUAL EXAMINATION**			

Practical Work in Geography – Part - 1 (2025 – 26)

Class – XI Geography

TERM / UNIT	CHAPTER	Detailed Split up	Marks
I – TERM	1. Introduction to Maps	● Essentials of map making ● History of map making ● Maps -types ● Uses of maps	**3**
	2. Map Scale	● Scales-methods and construction ● Conversion of scale	**4**
	3. Latitude, Longitude and Time	● Drawing of Parallels of latitude and Meridians of longitude ● Longitude and time ● International date line	**4**
	4. Map Projections	• Map projection- typology, construction and properties of projection: Conical with one standard parallel and Mercator's projection •	**4**
I I – TERM	5. Topographical Maps	• Study of topographic maps (1: 50,000 or 1: 25,000 Survey of India maps); contour cross section and identification of landforms-slopes, hills, valleys, waterfall, cliffs; distribution of settlements.	**4**
	6. Introduction to Remote Sensing	Satellite imageries, stages in remote sensing data-acquisition, platform and sensors and data products, (photographic and digital). Identification of physical and cultural features from aerial photographs and satellite imageries.	**6**
	Practical Record Book and Viva Voce	Viva to be based on Practical Notebook	**5**