

Geography
Code No. 029
Class XI (2021-22)
Term wise Syllabus

COURSE CONTENT TERM I

MARKS: 35
Weightage

Part A:	Fundamentals of Physical Geography	15 Marks
Unit I:	Geography as a Discipline <ul style="list-style-type: none"> □ Geography as an integrating discipline, as a science of spatial attributes. Branches of Geography: Physical Geography and Human Geography. Scope and Career Options (Non-evaluative) 	3
Unit II:	The Earth <ul style="list-style-type: none"> □ Origin and evolution of the earth; interior of the earth □ Wegener's continental drift theory and plate tectonics □ Earthquakes and volcanoes: causes, types and effects 	9
Unit III:	Landforms <ul style="list-style-type: none"> □ Rocks: major types of rocks and their characteristics 	3
Part B:	India - Physical Environment	15 Marks
Unit I:	Introduction <ul style="list-style-type: none"> □ Location, space relations, India's place in the world 	7
Unit II:	Physiography <ul style="list-style-type: none"> □ Drainage systems: Concept of river basins, watershed; the Himalayan and the Peninsular rivers 	8
Map work on identification / interpolation of features based on the units on the outline Physical/Political map of the world/ India		5
Part C:	Practical Work	15 Marks
	CH1: Introduction to Maps	
	CH2: Map Scale	
	CH3: Latitudes, Longitudes and Time	

COURSE CONTENT TERM II

MARKS : 35

Weightage

Part A:	Fundamentals of Physical Geography	15 Marks
Unit IV:	Climate <ul style="list-style-type: none"> □ Atmosphere- composition and structure; elements of weather and climate □ Insolation-angle of incidence and distribution; heat budget of the earth-heating and cooling of atmosphere (conduction, convection, terrestrial radiation and advection); temperature - factors controlling temperature; distribution of temperature - horizontal and vertical; inversion of temperature □ Pressure-pressure belts; winds-planetary, seasonal and local; air masses and fronts; tropical and extra-tropical cyclones □ Precipitation-evaporation; condensation-dew, frost, fog, mist and cloud; rainfall-types and world distribution 	8
Unit V:	Water (Oceans) <ul style="list-style-type: none"> □ Movements of ocean water-waves, tides and currents; submarine reliefs □ Ocean resources and pollution 	4
Unit VI:	Life on the Earth <ul style="list-style-type: none"> □ Biosphere - importance of plants and other organisms; biodiversity and conservation. 	3
Part B:	India - Physical Environment	15 Marks
Unit III:	Climate, Vegetation and Soil <ul style="list-style-type: none"> • Weather and climate - spatial and temporal distribution of temperature, pressure winds and rainfall, Indian monsoon: mechanism, onset and withdrawal, variability of rainfalls: spatial and temporal; use of weather charts • Natural vegetation-forest types and distribution; wild life; conservation; biosphere reserves • Soils - major types (ICAR's classification) and their distribution, soil degradation and conservation 	15
Map work on identification/ interpolation of features based on the units on the outline Physical/Political map of the world/ India		5

Part C:	Practical Work	15 Marks
	CH6: Introduction to Aerial Photograph	
	CH7: Introduction to Remote Sensing.	
	CH8: Weather Instruments, Maps and Charts	

Prescribed Books:

1. Fundamentals of Physical Geography, Class XI, Published by NCERT
2. India, Physical Environment, Class XI, Published by NCERT
3. Practical Work in Geography, Class XI, Published by NCERT

Note: The above textbooks are also available in Hindi medium.