

SESSION 2022- 23**Annual syllabus****CLASS XI****SUBJECT: GEOGRAPHY (CODE: 029)****COURSE CONTENT**

PART A:	BOOK-1 Fundamentals of Physical Geography
UNIT 1	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
UNIT 2	The Earth <ul style="list-style-type: none">▪ Origin and evolution of the earth▪ Interior of the earth Earthquakes and volcanoes: causes, types and effects▪ Distribution of oceans and continents: Wegener's continental drift theory and plate tectonic
UNIT 3	Landforms <ul style="list-style-type: none">▪ Geomorphic processes: weathering; mass wasting; erosion and deposition; soil-formation▪ Landforms and their evolution- Brief erosional and depositional features
Unit 4	Climate <ul style="list-style-type: none">▪ Atmosphere- composition and structure; elements of weather and climate
Map work	map work on identification of features based on 1 to 3 units on the outline Physical/Political map of the world.
Part-B	Book 2 India physical Environment
UNIT 7	Introduction <ul style="list-style-type: none">▪ India: Location, space relations, India's place in the world
Unit 8	Physiography <ul style="list-style-type: none">▪ Structure and Relief; Physiographic Divisions▪ Drainage systems: Concept of river basins, watershed; the Himalayan and the Peninsular rivers
Map work	Map Work of features based on above units for locating and labelling on the outline Political/Physical map of India
Part- c	Practical work in geography part-1
Unit 1	Fundamentals of Maps <ul style="list-style-type: none">▪ Geo spatial data, Concept of Geographical data matrix; Point, line, area data▪ Maps - types; scales-types; construction of simple linear scale, measuring distance; finding direction and use of symbols▪ Map projection- Latitude, longitude and time, typology, construction and properties of projection: Conical with one standard parallel and Mercator's projection. (only two projections) <p>Practical Record Book and Viva Voce Viva to be based on Practical Unit I only</p>

SYLLABUS OF MID TERM EXAMINATION MUST BE COMPLETED BY 30/09/ 2022
REVISION AND PREPARATION OF MID TERM EXAMINATION SYLLABUS
MID TERM EXAMINATION
DISCUSSION OF MID-TERM EXAMINATION QUESTION PAPER

PART A:	BOOK-1 Fundamentals of Physical Geography
UNIT 4	CLIMATE <ul style="list-style-type: none"> ▪ Solar Radiation-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 ▪ Atmospheric circulation and weather systems - Pressure-pressure belts; winds-planetary, seasonal and local; air masses and fronts; tropical and extra tropical cyclones ▪ Water in the atmosphere-Precipitation evaporation; condensation-dew, frost, fog, mist and cloud; rainfall-types and world distribution ▪ World Climate and Global Concerns.
UNIT 5	Water (Oceans) <ul style="list-style-type: none"> ▪ Basics of Oceanography ▪ Oceans - distribution of temperature and salinity ▪ Movements of ocean water-waves, tides and currents; submarine reliefs
UNIT 6	Life on the Earth <ul style="list-style-type: none"> ▪ Biosphere - importance of plants and other organisms; biodiversity and conservation
Map work	Map work on identification of features based on 4 to 6 units on the outline Physical/Political map of the world.
Part B	India Physical Environment
Unit 9	Climate, vegetation and soil <ul style="list-style-type: none"> ▪ Weather and climate - spatial and temporal distribution of temperature, Indian monsoon: mechanism, onset and withdrawal ▪ Natural vegetation-forest types and distribution; wild life; conservation; biosphere reserves
Unit 10	Hazards and Disasters: Causes, Consequences and Management <ul style="list-style-type: none"> ▪ Floods, Cloudbursts ▪ Droughts: types and impact ▪ Earthquakes and Tsunami Cyclones: features and impact ▪ Landslides
Map work	Map Work of features based on above units for locating and labelling on the outline Political/Physical map of India
Part – C	Practical work in Geography part- 1
Unit 2	Topographic and Weather Maps <ul style="list-style-type: none"> ▪ 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 ▪ Satellite imageries, stages in remote sensing data- acquisition, platform and sensors and data products, (photographic and digital) <p>Practical Record Book and Viva Voce Viva to be based on Practical Unit I and II only</p>

SYLLABUS OF ANNUAL EXAMINATION MUST BE COMPLETED BY 31/01/2023

REVISION AND PREPARATION OF ANNUAL EXAMINATION

ANNUAL EXAMINATION

NOTE :- ANNUAL EXAMINATION WILL BE BASED ON WHOLE SYLLABUS

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

2. Kindly refer to the latest editions of all NCERT Textbooks.

QUESTION PAPER DESIGN GEOGRAPHY THEORY CLASS XI & XII

COMPETENCIES	Total Marks and % 70 Marks
DEMONSTRATE	29 marks- 41%
APPLICATION	26 marks - 37%
FORMULATE	15 marks – 22%
TOTAL	70 marks – 100%