SESSION 2025- 26
Annual syllabus
CLASS XI
SUBJECT: GEOGRAPHY (CODE: 029)
COURSE CONTENT

PART A:	BOOK-1 Fundamentals of Physical Geography
Unit 1: Geography as a Discipline	**Chapter 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.
Unit 2: The Earth	**Chapter 2 The 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 **Chapter 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 **Chapter 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
Unit 3: Landforms	**Chapter 5 Geomorphic processes** • Geomorphic processes: Exogenic and Endogenic • Endogenic Process: Diastrophism, Volcanism • Exogenic Processes Weathering, landslides. • Soil: Processes and factors of Soil Formation **Chapter 6 Landforms and their Evolution** • **Running water:** Erosional and Depositional Landforms

	Wind: Erosional and Depositional Landforms
Unit 4: Climate	**Chapter 7 Composition and Structure of Atmosphere** • Atmosphere- composition and structure; elements of weather and climate
Map work (only mid Term examination)	Map work on identification of features based on (chapter 4 Distribution of oceans and continents) the outline Physical/Political map of the world. List of items enclosed and see the CBSE syllabus. • Political Map of all Continents of the world. • Major Oceans of the world: Indian Ocean, Pacific Ocean, Atlantic Ocean, Arctic Ocean, Southern Ocean • Major lithospheric plates and Minor lithospheric plates, Ring of fire (Pacific Ocean), Mid-Atlantic Ridge.
Part-B	**Book 2 India physical Environment**
Unit 1: Introduction	**Chapter 1** India — Location, Size, Latitudinal and Longitudinal extent, Indian Standard time, India and its neighbours
Unit 2: Physiography	**Chapter 2 Structure and Physiography** • Physiographic Divisions: (1) The Northern and North-eastern Mountains (2) The Northern Plain (3) The Peninsular Plateau (4) The Indian Desert (5) The Coastal Plains (6) The Islands. **Chapter 3 Drainage System** • Drainage patterns • Concepts of River basin, Catchment Area, Watershed • Drainage and River systems of India: the Himalayan and the Peninsular • Extent of Usability of River Water- linking of rivers, problems in using river water and water pollution
Map work (only mid Term examination)	Map Work of features based on above units for locating and labelling on the outline Political/Physical map of India. List of items enclosed and see the syllabus issued by CBSE 2025-26 **Chapter 1 -India- Location** • Latitudinal extent of India • Longitudinal extent of India • Standard Meridian of India • Important latitude passing through India (Tropic of Cancer) • Southern Most Point of main land of India (Kanya kumari) **Chapter 2- Structure and Physiography** • Mountains: Karakoram Range, Garo- Khasi- Jaintia hills, Aravalli Range, Vindhyan Range, Satpura Range, Western ghats & Eastern ghat • Peaks: K2, Kanchenjunga, Nandadevi, Nanga Parvat, Namcha Barwa and Anaimudi • Passes: Shipkila, Nathula, Palghat, Bhor ghat and Thal ghat • Plateaus: Malwa, Chhotnagpur, Meghalaya and Deccan Plateau. • Coastal Plains: Saurashtra, Konkan, North and South Kannad, Malabar, Coromandel and Northern Circars • Islands: Andaman& Nicobar Islands and Lakshadweep Islands

	Chapter-3 Drainage System • Rivers: Brahmaputra, Indus, Satluj, Ganga, Yamuna, Chambal, Damodar Mahanadi, Krishna, Kaveri, Godavari, Narmada, Tapti and Luni • Lakes: (Identification)Wular, Sambhar, Chilika, Kolleru, Pulicat & Vembanad • Straits, Bays , Gulfs: Palk Strait, Rann of Kachch, Gulf of Kachch, Gulf of Mannar & Gulf of Khambat
Part- C	**Practical work in geography part-1**
Unit 1	**Chapter 1 Introduction to Maps** • Essentials of map making • History of map making • Maps -types • Uses of maps **Chapter 2 Map Scale** • Scales-methods and construction • Conversion of scale **Chapter 3 Latitude, Longitude and Time** • Drawing of Parallels of latitude and Meridians of longitude • Longitude and time • International date line **Guidelines for Internal Assessment/ Geography Practical** 1. A Practical File Must Be Prepared by Students Covering All the Topics Prescribed In The Practical Syllabus. 2. The File Should Be Completely Handwritten with A Cover Page, Index Page and Acknowledgment. 3. All Practical Works Should Be Drawn Neatly with Appropriate Headings, Scale, Index Etc. Data Can Be Taken from The NCERT Text Book. 4. The Practical File Will Be Assessed at The Time of Term End Practical Examinations. 5. A Written Exam Of 25 Marks Will Be Conducted Based on Prescribed Practical Syllabus. 6. Viva Will Be Conducted Based on Practical Syllabus Only. 7. Written Exam -25 Marks 8. Practical File- 03 Marks 9. Viva- 02 Marks

SYLLABUS OF MID TERM EXAMINATION WILL BE COMPLETED ON 06/09/ 2025

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	**Chapter 8 Solar Radiation, Heat Balance and Temperature** • Solar radiation: Variability of Insolation. • Processes of Heating and Cooling of Atmosphere • Terrestrial Radiation • Heat budget of the earth

	• Temperature- Factors controlling temperature; Horizontal distribution of temperature; Inversion of temperature **Chapter 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 **Chapter 10 Water in the Atmosphere** • Humidity-Absolute and Relative humidity • Evaporation and condensation- • Different Forms of Condensation: dew, frost, fog, mist and cloud; • Precipitation • Types of Rainfall and world distribution of rainfall **Chapter 11 World Climate and Climate Change** **(To be tested through internal assessments in the form of project and presentation)**
Unit 5: Water (Oceans)	**Chapter 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 **Chapter 13 Movements of Ocean Water** • Movements of ocean water- Waves, Tides and Currents.
Unit 6: Life on the Earth	**Chapter 14 Biodiversity and Conservation** **(To be tested through internal assessments in the form of project and presentation)**
Map work (Annual examination)	**Map work on identification of features based on 4, 9, 12, 13 and 14 chapters on the outline Physical/Political map of the world. list of map items is enclosed provided by CBSE and see the syllabus issued by CBSE 2025-26** **Map Items for locating and labelling on outline political World Map Fundamentals of Physical Geography** **Chapter 4- Distribution of oceans and continents.** • Political Map of all Continents of the world. • Major Oceans of the world: Indian Ocean, Pacific Ocean, Atlantic Ocean, Arctic Ocean, Southern Ocean • Major lithospheric plates and Minor lithospheric plates, Ring of fire (Pacific Ocean), Mid-Atlantic Ridge. **Chapter 9 -Atmospheric Circulations and Weather Systems Major Hot Deserts of the world:** • Mojave Desert- Nevada, US • Patagonian Desert- Argentina • Sahara- Africa • Gobi Desert- Mongolia, Asia • Thar desert- India • Great Victoria Desert- Australia

	Chapter 12- Water (Oceans) • Major Seas • Black Sea • Baltic sea • Caspian Sea • Mediterranean Sea • North Sea • Red sea • Bay of Fundy (Canada)-Famous for the highest tides in the world **Chapter 13- Movements of Ocean Water** **OCEAN CURRENTS** Cold currents · Humboldt c. · California c. · Falkland c. · Canaries c. · West Australian c. · Oyashio c. · Labrador c. **Warm currents** · Alaska c. · Brazilian c. · Agulhas c. · Kuroshio c. · Gulf stream c. **Chapter 14 - Biodiversity and Conservation Ecological hotspots** · Eastern Himalaya, India , Western Ghats (India) , Indonesia , Asia . Eastern Madagaskor , Africa , Upper Guineas, Forests Africa , Atlantic Forest , Brazil Tropical Andeas.
Part B	**India physical Environment**
Unit 3: Climate, Vegetation and Soil	**Chapter 4 Climate** • Weather and climate • Unity and diversity in the Monsoon Climate • Factors determining the climate of India • The Nature and characteristics on Indian Monsoon • The Rhythm of Seasons • Distribution of Rainfall • Monsoon and the Economic Life in India • Global Warming **Chapter 5 Natural Vegetation** • Natural vegetation - Introduction • Forest types and distribution • Conservation of forests • Wildlife; conservation; biosphere reserves
Unit 4: Hazards and Disasters: Causes, Consequences and Management	**Chapter 6 Natural Hazards and Disasters** **(To be tested through internal assessment in the form of Projects and presentation)**
Map work (Annual examination)	Map Work of features based on above units for locating and labelling on the outline Political/Physical map of India. list of map items is enclosed provided by CBSE and see the syllabus issued by CBSE 2025-26 **Map Items for locating and labelling on outline political map of India** **India Physical Environment** **Chapter 1 -India- Location** • Latitudinal extent of India • Longitudinal extent of India • Standard Meridian of India

	• Important latitude passing through India (Tropic of Cancer) • Southern Most Point of main land of India (Kanyakumari) **Chapter 2- Structure and Physiography** • Mountains: Karakoram Range, Garo- Khasi- Jaintia hills, Aravalli Range, Vindhyan Range, Satpura Range, Western ghats & Eastern ghat • Peaks: K2, Kanchenjunga, Nandadevi, Nanga Parvat, Namcha Barwa and Anaimudi • Passes: Shipkila, Nathula, Palghat, Bhor ghat and Thal ghat · Plateaus: Malwa, Chhotnagpur, Meghalaya and Deccan Plateau • Coastal Plains: Saurashtra, Krnkan, North and South Kannad, Malabar, Coromandel and Northern Circars • Islands: Andaman & Nicobar Islands and Lakshadweep Islands **Chapter-3 Drainage System** • Rivers: Brahmaputra, Indus, Satluj, Ganga, Yamuna, Chambal, Damodar Mahanadi, Krishna, Kaveri, Godavari, Narmada, Tapti and Luni • Lakes: (Identification)Wular, Sambhar, Chilika, Kolleru, Pulicat & Vembanad • Straits, Bays , Gulfs: Palk Strait, Rann of Kachch, Gulf of Kachch, Gulf of Mannar & Gulf of Khambat **Chapter 4- Climate** • Area with highest temperature in India • Area with lowest temperature in India • Area with highest rainfall in India • Area with lowest rainfall in India **Chapter 5- Natural Vegetation** **(Identification on an outline map of India)** • Tropical evergreen, Tropical deciduous, Tropical thorn, Montane and Littoral/ Swamp forests. Wildlife reserves: **(locating and labeling)** • National Parks: Corbett, Kaziranga, Ranthambore. Shivpuri, Simlipal • Bird Sanctuaries: Keoladev Ghana and Ranganathitto • Wild life Sanctuaries: Periyar, Rajaji, Mudumalai, Dachigam
Part – C	**Practical work in geography part- 1**
	Chapter 1-Introduction to Maps Chapter 2- Map Scale Chapter 3- Latitude Longitude and Time Chapter 4- Map Projections Chapter 5 -Topographical Maps Chapter 6 -Introduction to Remote Sensing **Guidelines for Internal Assessment/ Geography Practical** 1. A practical file must be prepared by students covering all the topics prescribed in the practical syllabus. 2. The file should be completely handwritten with a cover page, index page and acknowledgment. 3. All practical works should be drawn neatly with appropriate headings, scale, index etc. Data can be taken from the NCERT text book. 4. The practical file will be assessed at the time of term end practical examinations. 5. A written exam of 25 marks will be conducted based on prescribed practical syllabus. 6. Viva will be conducted based on practical syllabus only. 7. Written Exam -25 Marks 8. Practical file- 03 Marks 9. Viva- 02 Marks

- Unit wise marks of syllabus to see the syllabus provided by CBSE session 2025-26 for annual examination.
- If any query regarding syllabus of class XI please strictly follow the syllabus provided by CBSE Academic website session 2025-26.

SYLLABUS MUST BE COMPLETED BY 31/01/ 2026

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.

For further detailing kindly visit to CBSE Academics

https://cbeacademic.nic.in/curriculum_2026.html

QUESTION PAPER DESIGN GEOGRAPHY THEORY CLASS XI

S No.	Domains	%
1	**Remembering and Understanding** Recalling facts, terms, basic concepts, data, and information. Demonstrate understanding of facts and ideas by organizing, comparing, interpreting, giving descriptions, and stating main ideas.	**41**
2	**Application** Use a concept in a new situation or unprompted use of abstraction by applying acquired knowledge, facts, techniques and rules.	**37**
3	**Analysing, Evaluating and Creating** Examine and break information into parts and determine how the parts relate to one another and/or to an overall structure or purpose by identifying motives or causes so that its organizational structure may be understood. Distinguish between facts and inferences. Make inferences and find evidence to support generalizations. Synthesis: Builds a structure or pattern from diverse elements. Put parts together to form a whole, with emphasis on creating a new meaning or structure. Create: Put elements together to form a new coherent or functional whole; reorganize elements into a new pattern or structure	**22**
	TOTAL	**100%**