

**2024-25**  
**GEOGRAPHY(111)**  
**CLASS XIth**

**One Theory Paper**

**70 Marks**

**Unitwise Marks Distribution**

<b>Part A. Fundamentals of Physical Geography</b>	<b>35 (Marks)</b>
Unit-1: Geography as a discipline	03
Unit-2: The Earth	09
Unit-3: Landforms	06
Unit-4: Climate	08
Unit-5: Water (Oceans)	04
Unit-6: Life on the Earth (To be tested through internal assessments in the form of project and presentation)	-
Map Work	05
<b>Part B. India- Physical Environment</b>	<b>35 (Marks)</b>
Unit-7: Introduction	05
Unit-8: Physiography	13
Unit-9: Climate, vegetation and soil	12
Unit-10: Natural hazards and Disasters:Causes Consequences a Management	--
Map Work	05

## **Detailed Syllabus**

<b>Part A. Fundamentals of Physical Geography</b>	<b>35 (Marks)</b>
Unit-1: Geography as a discipline	03
Unit-2: The Earth	09
The Origin and Evaluation of Earth	
Interior of the Earth	
Distribution of Oceans and Continents	
Unit-3: Landforms	06
Geographic Processes Landform and their Evolution	
Unit-4: Climate	08
Composition and Structure of Atmosphere Solar Radiation, Heat balance and Temperature Atmospheric Circulations and Weather Systems Water in the Atmosphere World Climate and Climate Change ( To be tested through internal assessments in the form of project and Presentation)	
Unit-5: Water (Oceans)	04
Water(Oceans) Movements of Ocean Water	
Unit-6: Life on the Earth	
Biodiversity and Conservation (To be tested through internal assessments in the form of project and presentation)	
Map Work	05
<b>Part B. India- Physical Environment</b>	<b>35 (Marks)</b>
Unit-7: Introduction India Location	05
Unit-8: Physiography	13
Structure and Physiography Drainage System	
Unit-9: Climate, vegetation and soil Climate Natural Vegetation	12
Unit-10: Natural hazards and Disasters:Causes Consequences	--

and Management (To be tested through internal assessments in the form of project and presentation)	
Map Work	05
<b>Part C. Practical Work</b>	<b>30 (Marks)</b>

## Practical Work

### CLASS XIth PRACTICAL

Chapter No.	Chapter Name	Weightage
1	Introduction to Maps	03
2	Map Scale	03
3	Map Projections	03
4	Latitude Longitude and Time	04
4	Topographical Maps	04
5	Introduction to Remote Sensing	03
Viva Voice		02
Practical File		03
Continuous Assessment (Unit Test)		05
<b>Total</b>		<b>30</b>

### Map Items for locating and labeling on outline political world map

Chapter Name	Map Work
<b>Distribution of oceans and continents</b>	<ul style="list-style-type: none"> <li>Political Map of all Continents of the world.</li> <li>Major Oceans of the world: Indian Ocean, Pacific Ocean, Atlantic Ocean, Arctic Ocean, Southern Ocean</li> <li>Major lithospheric plates and Minor lithospheric plates, Ring of fire (Pacific Ocean), Mid-Atlantic Ridge.</li> </ul>
<b>Atmospheric Circulations and weather Systems</b>	<p><b>Major Hot Deserts of the world:</b></p> <ul style="list-style-type: none"> <li>Mojave Desert- Nevada, US</li> <li>Patagonian Desert- Argentina</li> <li>Sahara- Africa</li> <li>Gobi Desert- Mongolia, Asia</li> <li>Thar desert- India</li> </ul>

	<ul style="list-style-type: none"> <li>• Great Victoria desert- Australia</li> </ul>
<b>Water(Oceans)</b>	<ul style="list-style-type: none"> <li>• Major Seas</li> <li>• Black sea</li> <li>• Baltic sea</li> <li>• Caspian Sea</li> <li>• Mediterranean Sea</li> <li>• North Sea</li> <li>• Red sea</li> <li>• Bay of Fundy (Canada)-Famous for the highest tides in the world</li> </ul>
<b>Movements of Ocean Water</b>	<p><b>OCEAN CURRENTS-Cold currents</b></p> <ul style="list-style-type: none"> <li>• Humboldt c.</li> <li>• California c.</li> <li>• Falkland c.</li> <li>• Canaries c.</li> <li>• West Australian c.</li> <li>• Oyashio c.</li> <li>• Labrador c.</li> </ul> <p><b>Warm currents</b></p> <ul style="list-style-type: none"> <li>• Alaska c.</li> <li>• Brazilian c.</li> <li>• Aughlas c.</li> <li>• Kuroshio c.</li> <li>• Gulf stream c.</li> </ul>
<b>Biodiversity and Conservation</b>	<p><b>Ecological hotspots</b></p> <ul style="list-style-type: none"> <li>• Eastern Himalaya, India</li> <li>• Western ghats, India</li> <li>• Indonesia, Asia</li> <li>• Eastern Madagascar, Africa</li> <li>• Upper Guinean forests, Africa</li> <li>• Atlantic forest, Brazil</li> <li>• Tropical Andes</li> </ul>

## Map Items for locating and labeling on outline political map of India

Chapter No and Name	Map Work
<b>India-Location</b>	<ul style="list-style-type: none"> <li>• Latitudinal extent of India</li> <li>• Longitudinal extent of India</li> <li>• Standard Meridian of India</li> <li>• Important Latitude passing through India (Tropic of Cancer)</li> <li>• Southern Most point of main land of India</li> </ul>
<b>Structure and Physiography</b>	<ul style="list-style-type: none"> <li>• <b>Mountains:</b> Karakoram Range, Garo- Khasi- Jaintia hills, Aravalli Range, Vindhyan Range, Satpura Range, Western ghats &amp; Eastern ghats</li> <li>• <b>Peaks:</b> K2, Kanchenjunga, Nandadevi, Nanga Parvat, Namcha Barwa and Anaimud</li> <li>• <b>Passes:</b> Shipkila, Nathula, Palghat, Bhor ghat and Thal ghat</li> <li>• <b>Plateaus:</b> Malwa, Chhotnagpur, Meghalaya and Deccan Plateau.</li> <li>• <b>Coastal Plains:</b> Saurashtra, Konkan, North and South Kanara, Malabar, Coromandel and Northern Circars</li> <li>• <b>Islands:</b> Andaman &amp; Nicobar Islands and Lakshadweep Islands</li> </ul>
<b>Drainage System</b>	<ul style="list-style-type: none"> <li>• <b>Rivers:</b> Brahmaputra, Indus, Satluj, Ganga, Yamuna, Chambal, Damodar Mahanadi, Krishna, Kaveri, Godavari, Narmada, Tapti and Luni</li> <li>• <b>Lakes:</b> (Identification)Wular, Sambhar, Chilika, Kolleru, Pulicat &amp; Vembanad</li> <li>• <b>Straits, Bays, Gulfs:</b> Palk Strait, Rann of Kachch, Gulf of Kachch, Gulf of Mannar &amp; Gulf of Khambat</li> </ul>
<b>Climate</b>	<ul style="list-style-type: none"> <li>• Area with highest temperature in India</li> <li>• Area with lowest temperature in India</li> <li>• Area with highest rainfall in India</li> <li>• Area with lowest rainfall in India</li> </ul>
<b>Natural Vegetation</b>	<p>(Identification on an outline map of India) Tropical evergreen, Tropical deciduous, Tropical thorn, Montane and Littoral/ Swamp forests. Wildlife reserves: (locating and labeling)</p> <ul style="list-style-type: none"> <li>• <b>National Parks:</b> Corbett, Kaziranga, Ranthambore. Shivpuri, Simlipal</li> <li>• <b>Bird Sanctuaries:</b> Keoladev Ghana and Ranganathitto</li> <li>• <b>Wild life Sanctuaries:</b> Periyar, Rajaji, Mudumalai, Dachigam,</li> </ul>

### Guidelines for Internal Assessment/Geography Practical

1. A Practical file must be prepared by students covering all the topics prescribed in 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 20 marks will be conducted based on prescribed practical syllabus.
6. Viva will be conducted based on practical syllabus only.

Written Exam -20 Marks

Practical file- 03 Marks

Viva- 02 Marks

Continuous Assessment (Unit Test)- 05 Marks

**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 Part I, 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.

**2024-25**  
**GEOGRAPHY(111)**  
**CLASS XII**

**Theory one paper**

**Marks:70**

**Time:: 3 Hrs**

<b>Book- Fundamental of Human Geography</b>		
<b>Chapter No.</b>	<b>Chapter Name</b>	<b>Weightage</b>
<b>Unit 1</b>		
1	Human Geography	3
<b>Unit 2</b>		
2	The World Population Density Distribution and Growth	8
3	Human Development	
<b>Unit 3</b>		
4	Primary Activities	19
5	Secondary Activities	
6	Tertiary and Quaternary Activities	
7	Transport, Communication and Trade	
8	International Trade	
Map Work (Based on identification of features on World Political Map)		5
<b>Total</b>		<b>35</b>
<b>Book- India People and Economy</b>		
<b>Chapter No.</b>	<b>Chapter Name</b>	<b>Weightage</b>
<b>Unit 4</b>		
1	Population Distribution Density Growth and Composition	5
<b>Unit 5</b>		
2	Human Settlements	3
<b>Unit 6</b>		
3	Land Resources and Agriculture	10
4	Water Resources	
5	Mineral And Energy Resources	
6	Planning and Sustainable Development in Indian Context	
<b>Unit 7</b>		
7	Transport and Communication	7
8	International Trade	
<b>Unit 8</b>		
9	Geographical Perspective on selected issues and problems	5
10	Map Work (Based on identification of features on Political Map of India)	5
<b>Total</b>		<b>35</b>

## Geography Practical Class XII

Chapter No.	Chapter Name	Weightage
1	Data-its source and Compilation	15
2	Data Processing	
3	Graphical representation of Data	
4	Spatial Information Technology	5
Practical Record Book and Viva Voce		5
Continuous Assessment (Unit Test)		5
<b>Total</b>		<b>30</b>

## Evaluation Scheme of Geography Practical Work Class XII

S. No.	Topic	Internal Examiner	External Examiner
1	Data-its source and Compilation	-	12 (Written Exam)
2	Data Processing	-	
3	Graphical representation of Data	-	
4	Spatial Information Technology	05(Written Exam)	-
Viva Voice			03
Practical Record Book		05	-
Continuous Assessment (Unit Test)		05	-
<b>Total</b>		<b>15</b>	<b>15</b>

### Guidelines for Internal Assessment/Geography Practical

- A practical file must be prepared by students covering all the topics prescribed in the practical syllabus.
- The file should be completely handwritten with a cover page, index page and acknowledgment.
- All statistical diagrams and maps should be drawn neatly with appropriate headings, scale, index etc. Data to draw statistical



diagrams can be taken from the NCERT text book or Census.

- The practical file will be assessed by the internal examiner at the time of practical examinations.
- A written exam of 12 marks will be conducted by external examiner and written exam of 05 marks will be conducted by internal examiner based on the above given practical syllabus on the day of the practical exam.
- Viva will be conducted based on **practical syllabus** only.

### Map Items for identification only on outline political map of the World

#### Fundamentals of Human Geography

Chapter No. and Name	Map Items
1-Human Geography	Nil
2-The World Population Density Distribution and Growth	Nil
3-Human Development	Nil
4-Primary Activities	<ul style="list-style-type: none"> <li>• Areas of subsistence gathering</li> <li>• Major areas of nomadic herding of the world</li> <li>• Major areas of commercial livestock rearing</li> <li>• Major areas of extensive commercial grain farming</li> <li>• Major areas of mixed farming of the World</li> </ul>
5-Secondary Activities	Nil
6-Tertiary and Quaternary Activities	Nil
7-Transport, Communication and Trade	<ul style="list-style-type: none"> <li>• Terminal Stations of Transcontinental Railways– Trans-Siberian, Trans Canadian, Trans-Australian Railways</li> </ul> <p><b>Major Sea Ports</b></p> <ul style="list-style-type: none"> <li>• <b>Europe:</b> North Cape, London, Hamburg</li> <li>• <b>North America:</b> Vancouver, San Francisco, New Orleans</li> <li>• <b>South America:</b> Rio De Janeiro, Colon, Valparaiso</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Africa:</b> Suez and Cape Town</li> <li>• <b>Asia:</b> Yokohama, Shanghai, Hong Kong, Aden, Karachi, Kolkata</li> <li>• <b>Australia:</b> Perth, Sydney, Melbourne</li> </ul> <p><b>Major Airports:</b></p> <ul style="list-style-type: none"> <li>• <b>Asia:</b> Tokyo, Beijing, Mumbai, Jeddah, Aden</li> <li>• <b>Africa:</b> Johannesburg &amp; Nairobi</li> <li>• <b>Europe:</b> Moscow, London, Paris, Berlin and Rome</li> <li>• <b>North America:</b> Chicago, New Orleans, Mexico City</li> <li>• <b>South America:</b> Buenos Aires, Santiago</li> <li>• <b>Australia:</b> Darwin and Wellington</li> </ul> <p><b>Inland Waterways</b></p> <p>Suez Canal, Panama Canal, Rhine waterways and St. Lawrence Seaways</p>
8-International Trade	Nil

**Map Items for locating and labelling on political outline map of India**

**India - People and Economy**

Chapter No. and Name	Map Items
1-Population Distribution Density Growth and Composition	State with highest population density & state with lowest population density (2011)
2-Human Settlement	Nil
3-Land Resources and Agriculture	Leading producing states of the following crops: (a) Rice (b) Wheat (c) Cotton (d) Jute (e) Sugarcane (f) Tea and (g) Coffee
4-Water Resources	Nil
5-Mineral And Energy Resources	<p><b>Mines:</b></p> <ul style="list-style-type: none"> <li>• <b>Iron-ore mines:</b> Mayurbhanj, Bailadila, Ratnagiri, Bellary</li> <li>• <b>Manganese mines:</b> Balaghat, Shimoga</li> <li>• <b>Copper mines:</b> Hazaribagh,</li> </ul>

	<p>Singhbhum, Khetari</p> <ul style="list-style-type: none"> <li>• <b>Bauxite mines:</b> Katni, Bilaspur and Koraput</li> <li>• <b>Coal mines:</b> Jharia, Bokaro, Raniganj, Neyveli</li> <li>• <b>Oil Refineries:</b> Mathura, Jamnager, Barauni</li> </ul>
6-Planning and Sustainable Development in Indian Context	Nil
7-Transport and Communication	Nil
8-International Trade	<p>Mark and label the major sea ports and airports on an outline map of India.</p> <ul style="list-style-type: none"> <li>• <b>Major Sea Ports:</b> Kandla, Mumbai, Marmagao, Kochi, Mangalore, Tuticorin, Chennai, Vishakhapatnam, Paradwip, Haldia</li> <li>• <b>International Air ports:</b> Ahmedabad, Mumbai, Bengaluru, Chennai, Kolkata, Guwahati, Delhi, Amritsar, Thiruvananthapuram &amp; Hyderabad.</li> </ul>
9-Geographical Perspective on selected issues and problems	Nil

### Prescribed Textbook

1. Fundamentals of Human Geography
2. India- People and Economy
3. Practical work in Geography- Part II

### Note:

The above textbooks are also available in Hindi medium.  
Kindly refer to the latest editions of all NCERT Textbooks.