

MASTER GEOGRAPHY COURSE

Part I:



Part I:
Universe & Earth Basics'



Part II:



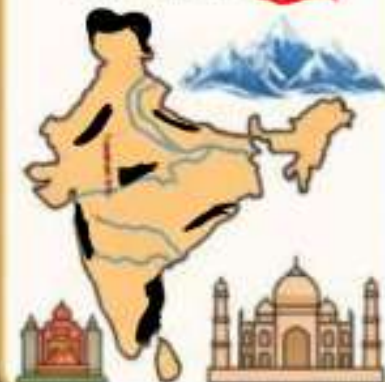
Part II:
Physical Geography
(Geomorphology & Climatology)



Part III:



Part III:
Geography of India



Part IV:



Part IV:
Economic & Human Geography



Part V:



Part V:
World Geography & Mapping



PHASE 1: UNIVERSE & EARTH BASICS

Understand the origin of the cosmos and the earth's mechanics before diving into surface features.

1. ORIGIN OF THE UNIVERSE:

Big Bang theory, galaxies, and star formation.

2. THE SOLAR SYSTEM:

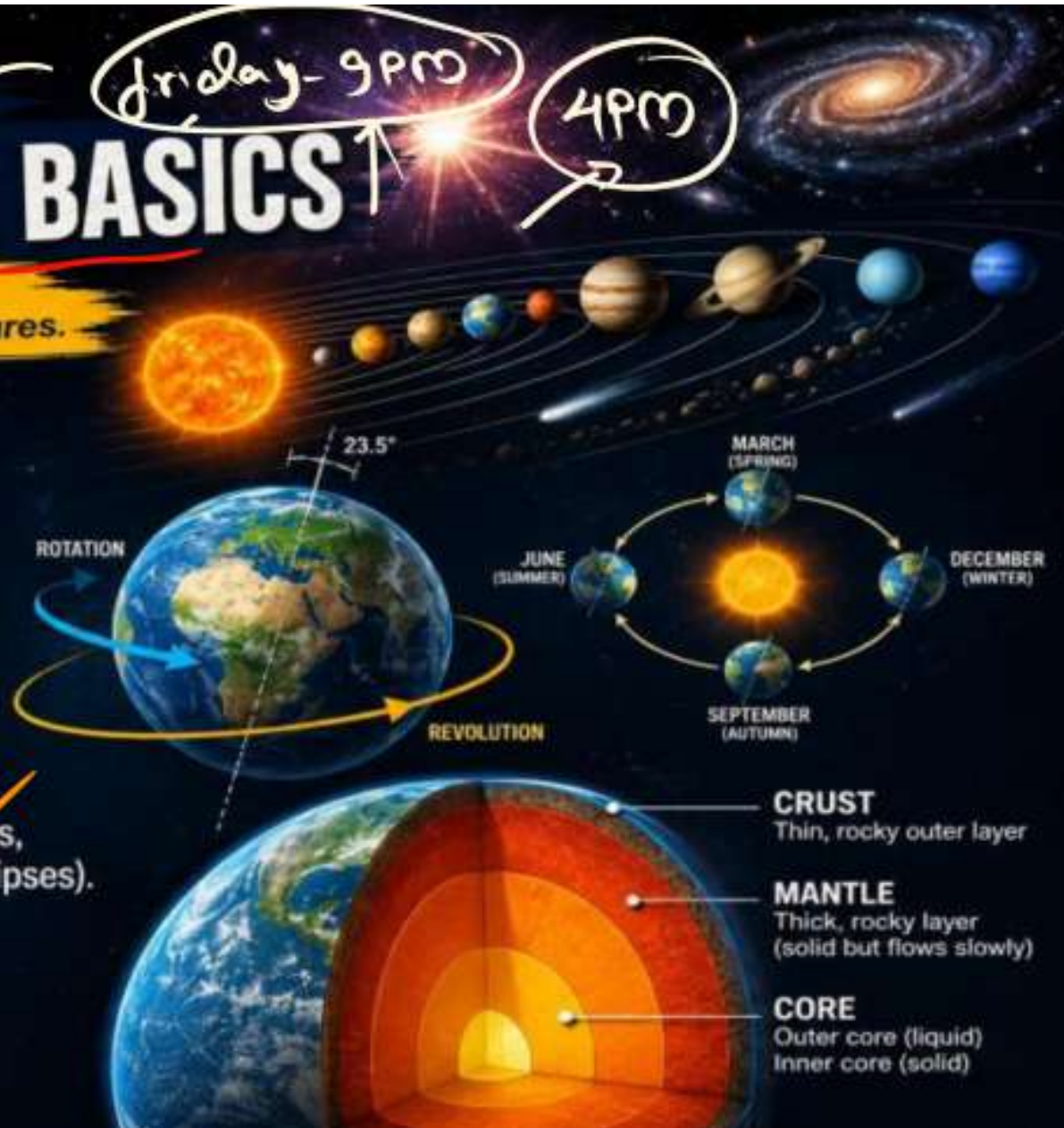
Sun, planets, asteroids, and meteoroids.

3. EARTH'S STRUCTURE & MOTIONS:

Latitudes, longitudes, standard time zones, rotation, and revolution (seasons and eclipses).

4. INTERIOR OF THE EARTH:

Crust, mantle, core, and primary rock types (Igneous, Sedimentary, Metamorphic).



PHASE 2: PHYSICAL GEOGRAPHY (GEOMORPHOLOGY & CLIMATOLOGY)

Focus on the natural forces shaping the planet.

1. LITHOSPHERE:

Plate tectonics, earthquakes, volcanoes, and landform creation (mountains, plateaus, plains).

2. ATMOSPHERE:

Structure of the atmosphere (Troposphere to Exosphere), pressure belts, and global wind systems.

3. CLIMATOLOGY:

Monsoons, cyclones, humidity, and global climate classifications.

4. HYDROSPHERE:

Ocean relief, ocean currents, salinity, and tides.

LITHOSPHERE
SHAPING THE LAND

EXOSPHERE
THERMOSPHERE
MESOSPHERE
STRATOSPHERE
TROPOSPHERE

ATMOSPHERE
THE BLANKET OF AIR

CLIMATOLOGY
WEATHER & CLIMATE
SYSTEMS

HYDROSPHERE
WATER IN ALL ITS FORMS

POLAR HIGH (90°)
SUBPOLAR LOW (60°)
SUBTROPICAL HIGH (30°)
EQUATORIAL LOW (0°)
SUBTROPICAL HIGH (30°)
SUBPOLAR LOW (60°)
POLAR HIGH (90°)

TROPICAL
DRY
TEMPERATE
CONTINENTAL
POLAR

HIGH TIDE

LOW TIDE

WARM
CURRENT

COLD
CURRENT

PHASE 3: GEOGRAPHY OF INDIA



1. LOCATION & SIZE:

Neighboring countries, boundary lines (Radcliffe, McMahon), and standard meridian.



2. PHYSIOGRAPHY:

The Himalayas, Northern Plains, Peninsular Plateau, Coastal Plains, and Islands.



3. DRAINAGE SYSTEM:

Himalayan rivers (Ganga, Indus, Brahmaputra) and Peninsular rivers (Godavari, Krishna, Narmada), including origin points and major multipurpose projects.

4. CLIMATE & SOILS:

Mechanism of the Indian Monsoon, major soil types (Alluvial, Black, Red), and their specific crop suitability.

ALLUVIAL	BLACK	RED
Wheat, Rice, Sugarcane	Cotton, Jowar, Soybean	Groundnut, Pulses, Millets

INDIAN MONSOON



5. NATURAL VEGETATION & WILDLIFE:

Biosphere reserves, wildlife sanctuaries, and national parks.



THE HIMALAYAS

NORTHERN PLAINS

PENINSULAR PLATEAU

COASTAL PLAINS

ISLANDS



PHASE 4: ECONOMIC & HUMAN GEOGRAPHY



1. AGRICULTURE:

Cropping seasons (Rabi, Kharif, Zaid), major crop-producing states (wheat, rice, sugarcane), and agricultural revolutions.



2. MINERALS & ENERGY RESOURCES:

Metallic/non-metallic mineral belts, coal/petroleum reserves, and major power plants.



3. INDUSTRIES & TRANSPORT:

Major industrial hubs and the transport network (National Highways, major ports, and railway zones).



4. DEMOGRAPHICS:

Census data (growth rate, literacy, sex ratio, urbanization).



MAJOR MINERAL BELTS

- Iron Ore (Jharkhand)
- Manganese (Madhya Pradesh)
- Bauxite (Odisha)
- Copper (Kerala)
- Limestone (Andhra Pradesh)
- Coal (Jharkhand)

MAJOR INDUSTRIAL HUBS



CROPPING SEASONS

RABI

Oct – Mar
(Wheat)

KHARIF

Jun – Oct
(Rice)

ZAID

Mar – Jun
(Vegetables,
Melons)

MAJOR CROP-PRODUCING STATES

WHEAT



RICE



SUGARCANE



MAJOR ENERGY RESERVES

COAL



PETROLEUM



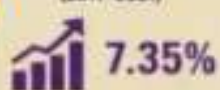
NATURAL GAS



MAJOR PORTS



POPULATION GROWTH RATE
(2011–2021)



LITERACY RATE (2011)



SEX RATIO (2011)



URBAN POPULATION (2011)



PHASE 5: WORLD GEOGRAPHY & MAPPING

Directly addresses factual,
location-based questions.



1. CONTINENTS AND OCEANS:

Major physical features,
mountain ranges, and
deserts globally.



2. POLITICAL GEOGRAPHY:

Prominent countries,
their capitals, and
currencies.



3. MAPWORK:

Identification of seas, straits,
gulfs, and important
international boundaries.



ARCTIC OCEAN

ATLANTIC OCEAN

PACIFIC OCEAN

INDIAN OCEAN

SOUTHERN OCEAN





What you need to do?

- ①- New Notebook
- ②- Mapping → Political Map (Blank)
 - India
 - World
- ③- Geography Notes (19 Pages)
 - Hindi
 - English



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