

TOPICAL ANALYSIS OF CLASSES COVERED

CLASS 7: THE EARTH: OUR ENVIRONMENT (GEOGRAPHY)

Chapter 1 : Environment

1. Environment versus Ecosystem
2. Connection between Human and Environment
3. Climate : an important determinant of environment

Chapter 2: Inside Our Earth

1. Interior of the earth
2. Oceanic and continental crust
3. Minerals
4. Rocks
5. Rock cycle
6. Various types of Rocks: Igneous, sedimentary, metamorphic

Chapter 3: Our Changing Earth

1. Lithospheric plates
2. Lithospheric Scheme
3. Earth's movement
4. Volcano
5. Earthquake: different types of earthquake waves
6. Major Landforms
 - a. Works of River
 - b. Works of Sea waves
 - c. Works of ice
 - d. Works of Wind: Air Erosion

Chapter 4: Air

1. Role of troposphere in controlling temperature of the earth
2. Anthropogenic factor
3. Layers of atmosphere
4. Tropopause
5. Air pressure
6. Rotation of earth- Coriolis force
7. Major Pressure Belts and Wind System
8. Sea breeze and land breeze
9. Humidity
10. Types of Rainfall

Chapter 5: Water

1. Water Cycle
2. Water Scarcity
3. Ocean Movements
4. Tides, waves and Tsunami
5. Various types of Tide
6. Currents

Chapter 6: Natural Vegetation and Wildlife

1. Factors affecting vegetation: altitude, latitude and other factors
2. Types of forests and areas where they are found
3. Grasslands
4. Difference between Tropical Grassland and Temperate Grassland
5. Tundra

Chapter 7: Human Environment- Settlement, Transport and Communication

1. Types of settlements in the ancient times
2. Shift from temporary to permanent settlement
3. Rural and Urban Settlement
4. Compact Settlement
5. Various means of transport: roadways, railways, waterways, etc.
6. Issues in inland transport
 - a. Environmental issues
 - b. Airways: tourism and economy- 5/20 issue
7. Important Ports of the world
8. Hurdles associated with interlinking of Rivers

Chapter 8: Human Environment Interactions: The Tropical and the Sub-Tropical Regions

1. Amazon Basin
2. Ganga-Brahmaputra Basin

Chapter 9: Life in Temperate Grasslands

1. Prairies
2. Steppes
3. Map of North America
4. Map of Africa- Dark Continent: Important dams located in Africa

Chapter 10: Life in Deserts

1. Africa
2. Ladakh: Cold desert