



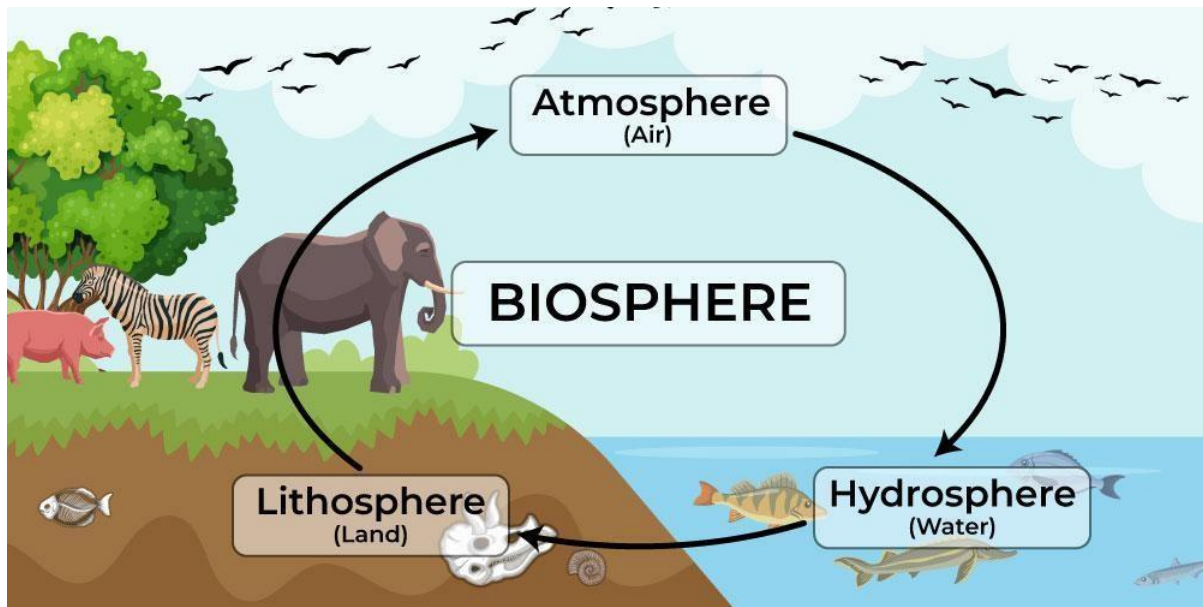
GANDHI SCHOOL OF  
ENGINEERING, BHABANDHA, BERHAMPUR

# TEACHING AND LEARNING MATERIAL

SUBJECT: ENVIRONMENTAL STUDIES  
SEMESTER: 3<sup>RD</sup>

SUBMITTED BY: -ER. MONLISHA GOUDA

## CHAPTER-1



ENVIRONMENT

## CHAPTER-2



NATURAL RESOURCE



DEFORESTATION



SOIL EROSION



LAND SLIDE



DROUGHT



# ENERGY SOURCES

## RENEWABLE ENERGY



Wind



Hydropower



Solar



Geothermal



Biomass

## NON-RENEWABLE ENERGY



Oil



Coal



Nuclear



Natural Gas

## ENERGY SOURCES



DESERTIFICATION

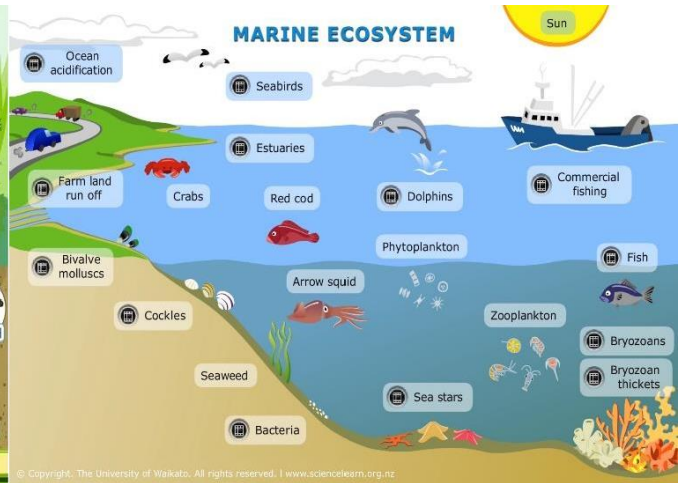


LAND DEGRADATION

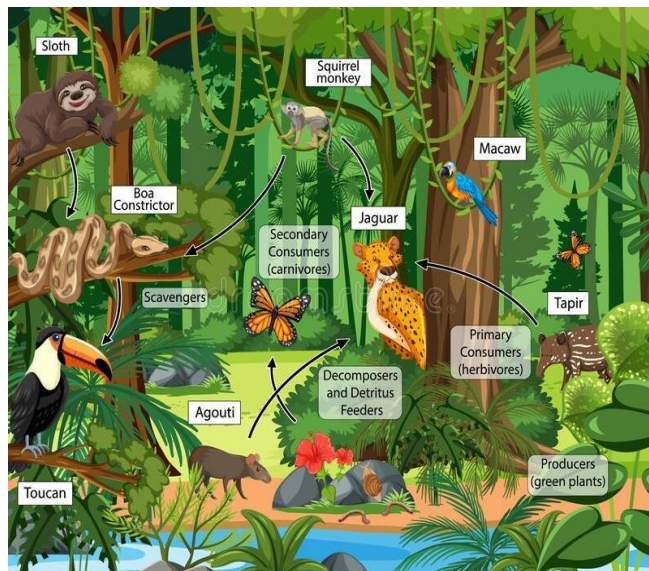
## CHAPTER-3



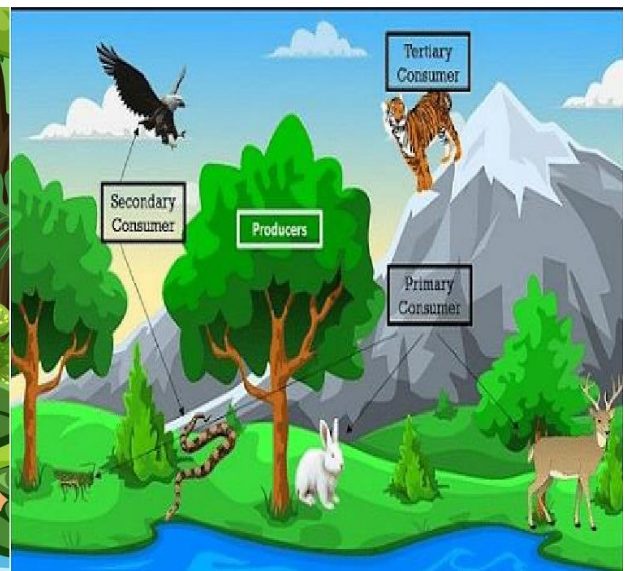
POND ECOSYSTEM



MARINE ECOSYSTEM

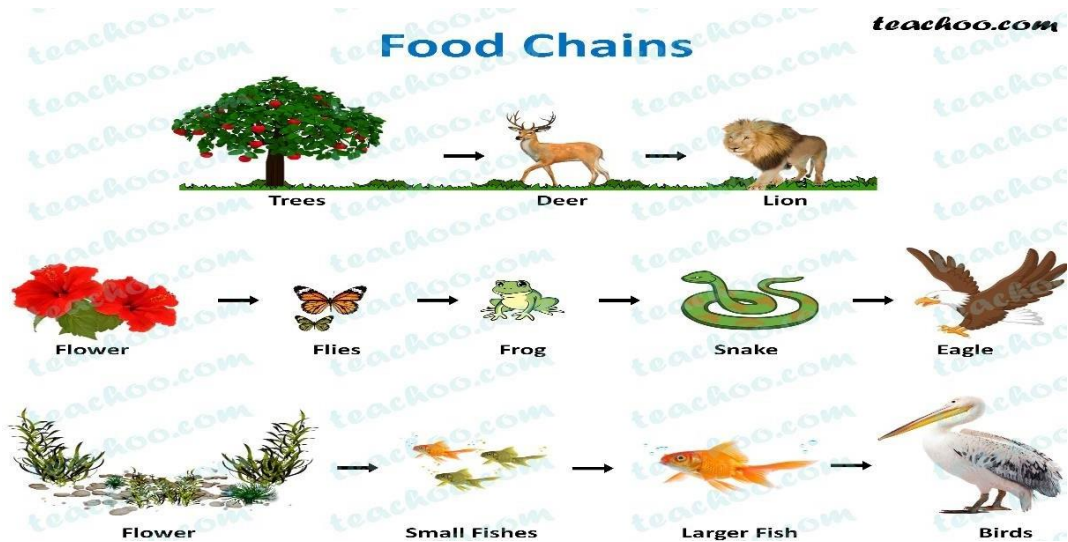


FOREST ECOSYSTEM

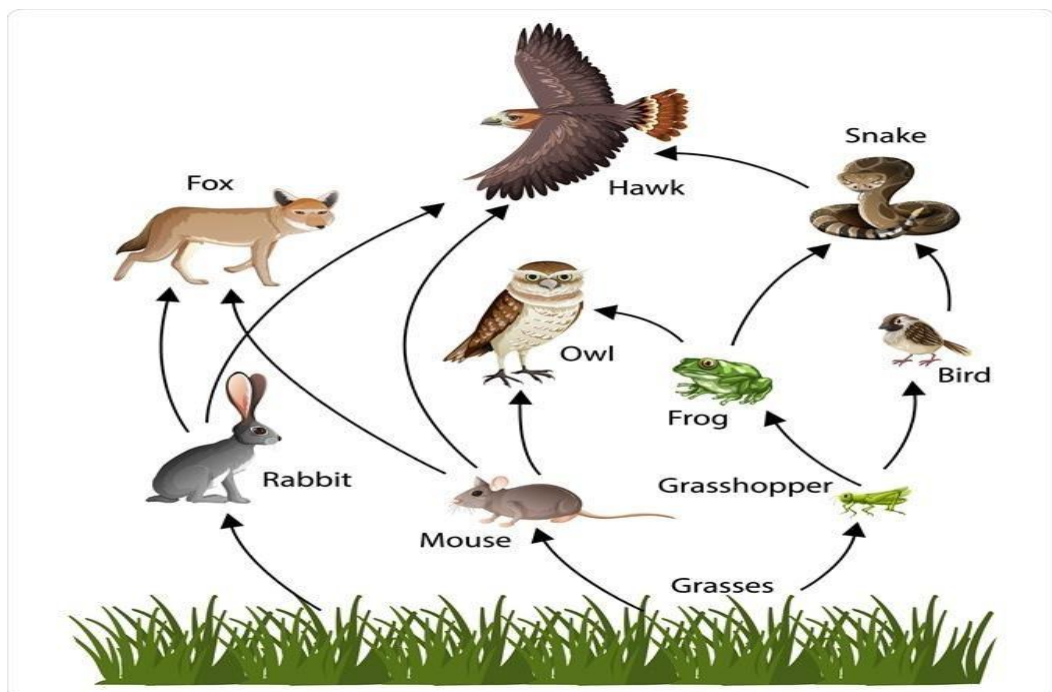


TERRESTRIAL ECOSYSTEM

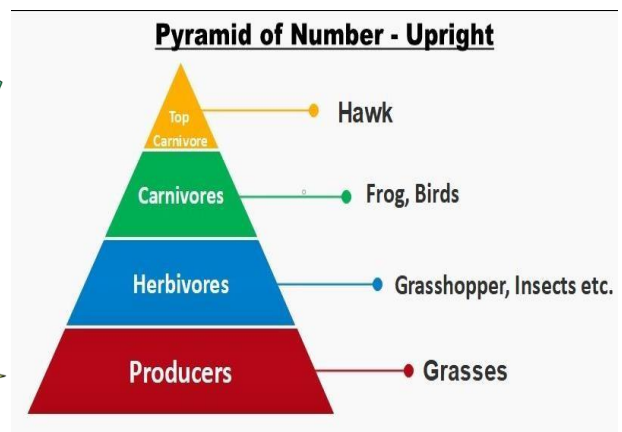
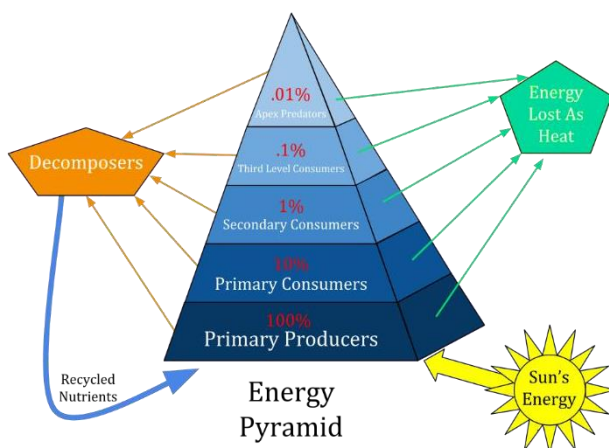




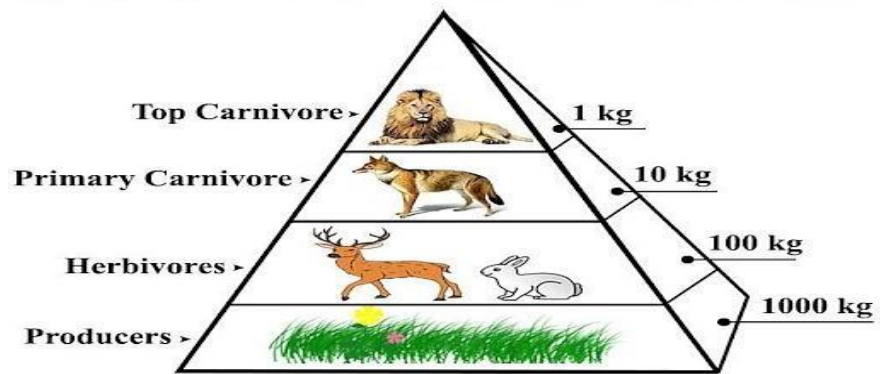
FOOD CHAIN



FOOD WEB

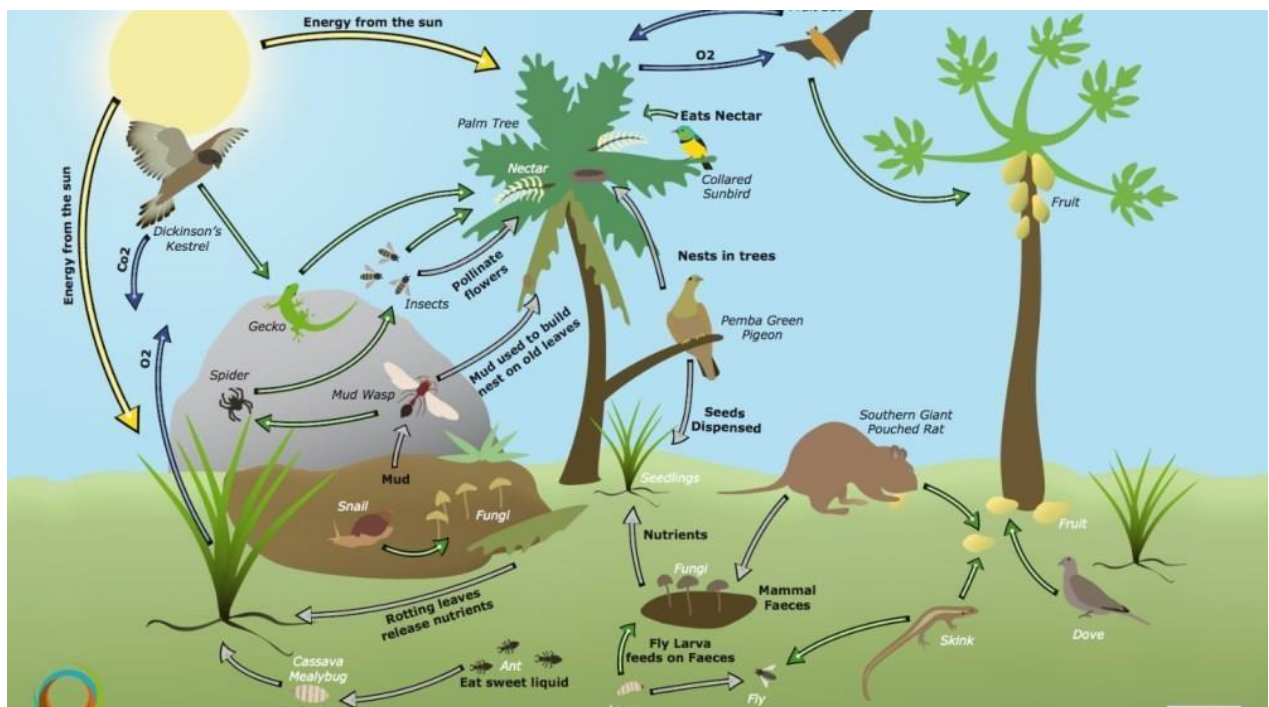


### **Upright Pyramid of Biomass in a Terrestrial Ecosystem**

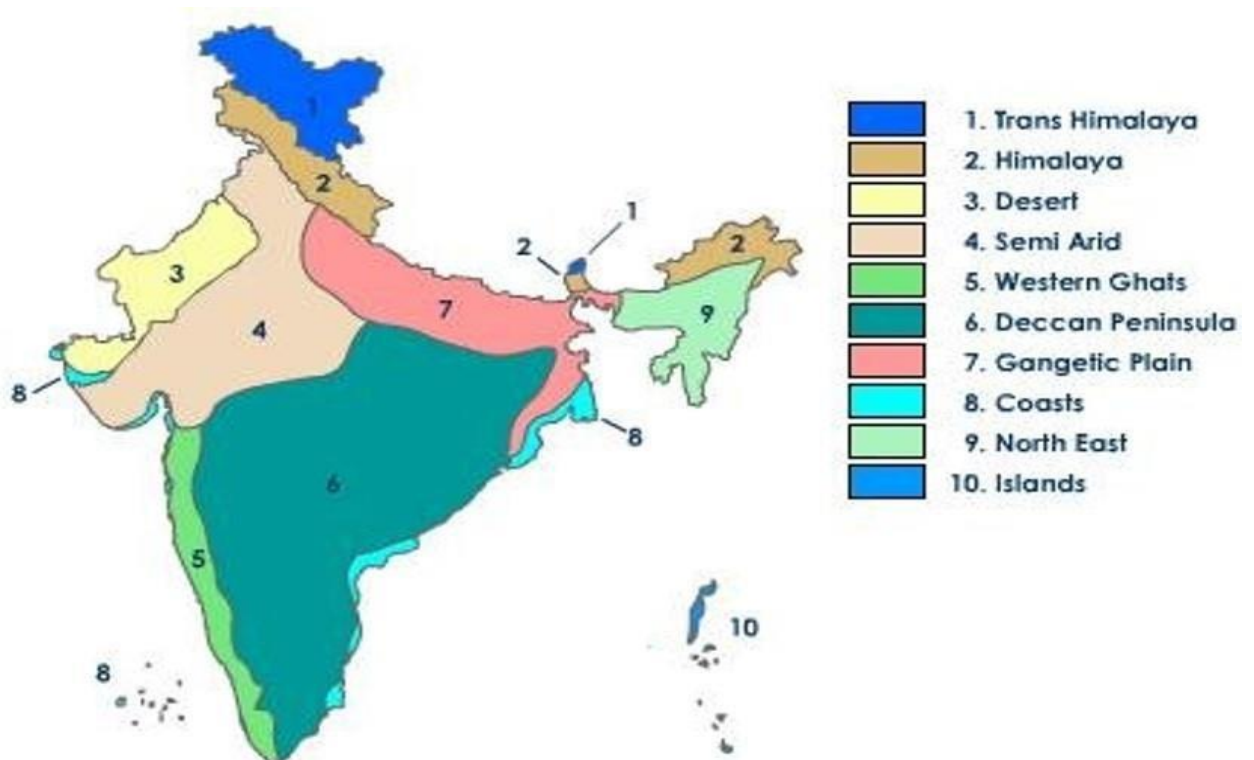


DIFFERENT TYPES OF ECOLOGICAL PYRAMID

## CHAPTER-4



## BIODIVERSITY



## BIOGEOGRAPHICAL CLASSIFICATION OF INDIA



## CHAPTER-5



AIR POLLUTION



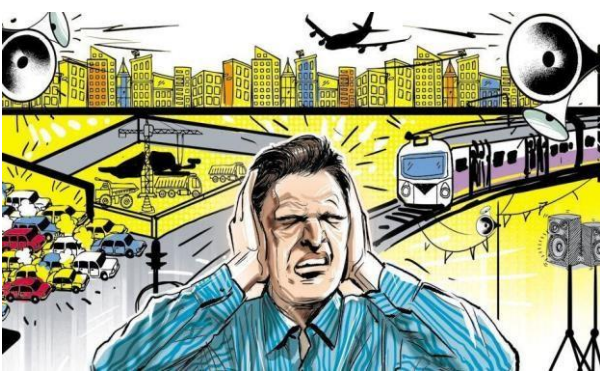
WATER POLLUTION



SOIL POLLUTION



MARINE POLLUTION



NOISE POLLUTION

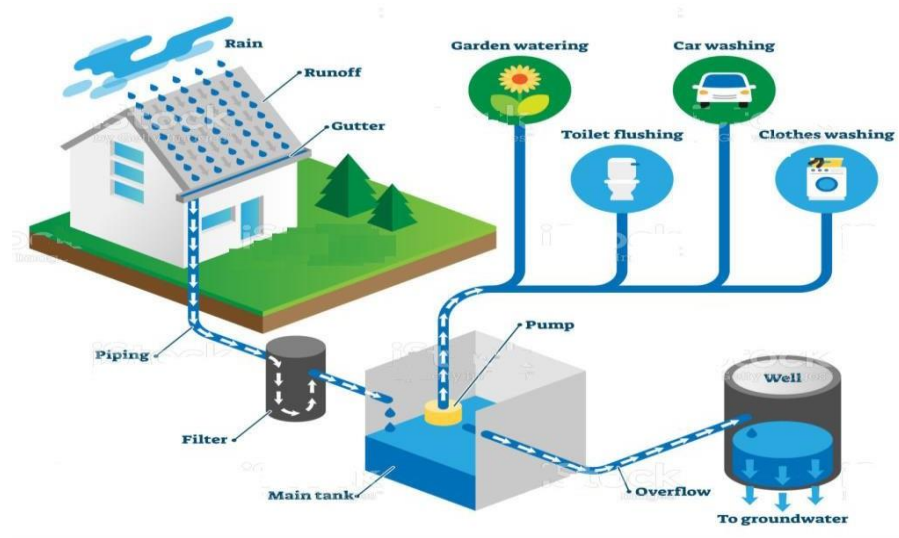


THERMAL POLLUTION

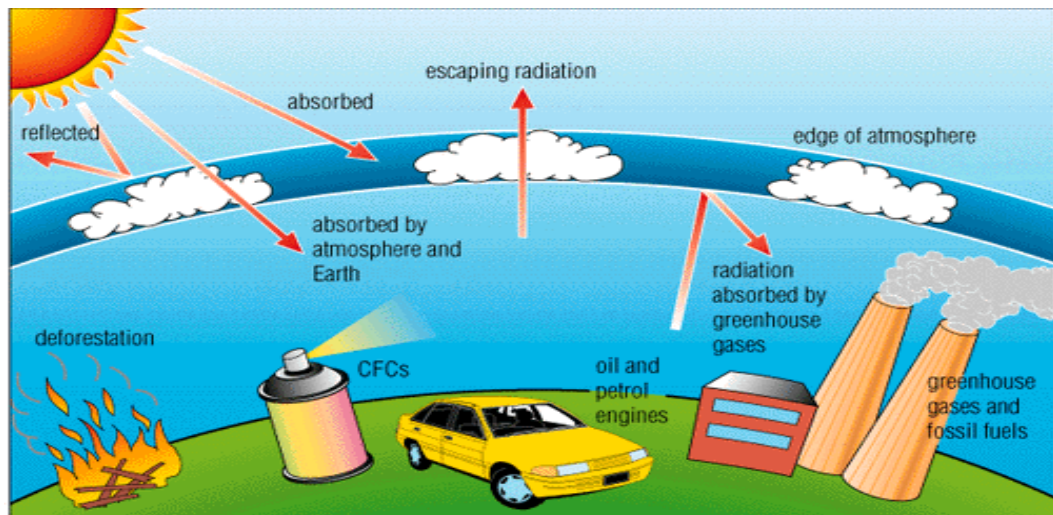


RADIOACTIVE POLLUTION

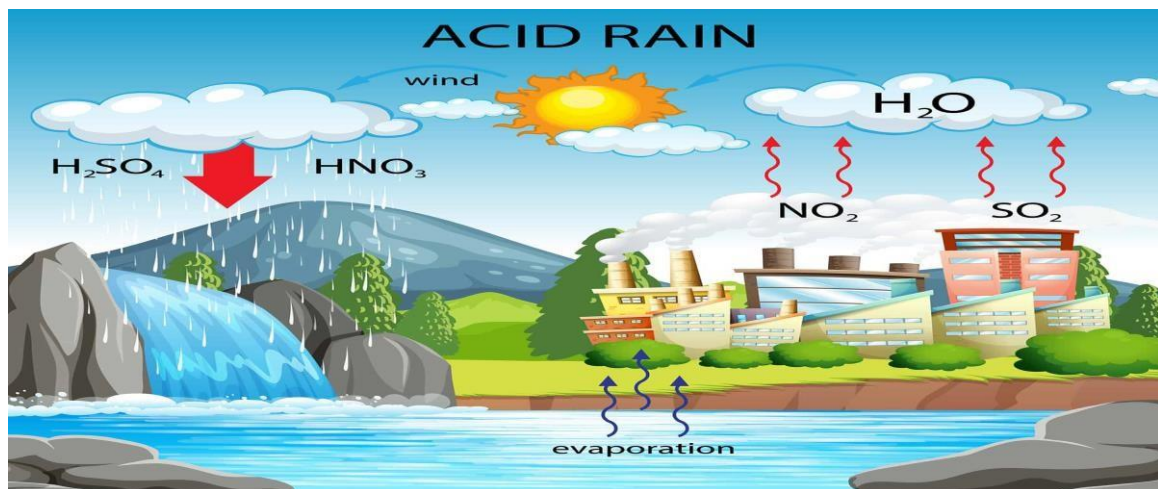
## CHAPTER-6



RAIN WATER HARVESTING

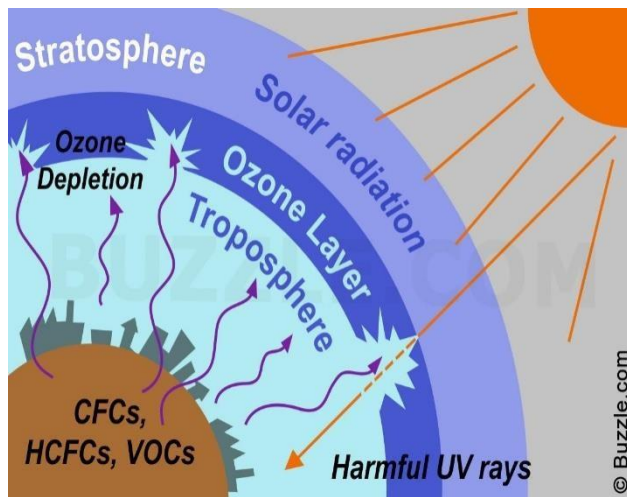


GLOBAL WARMING



ACID RAIN





OZONE LAYER DEPLETION



NUCLEAR ACCIDENT



## CHAPTER-7



NATURAL GEYSERS