

**42596-Ali Nawab Khan-087**

**BATCH NO. 87**

## **Climate Changes Causes & Consequences**

**Thesis Statement:** The major causes of Climate Changes are Transport Sector, Rapid Industrialisation, Overpopulation, Unsustainable Agriculture Practices, Poor Water Management and Natural Factors which results in Extreme Weather Events, Health Hazards, Poverty and Displacement, Hotter Temperature and Loss of Biodiversity.

### **Causes:**

#### **1. Transport Sector**

- Carbon dioxides emit from burning of fossils fuels from vehicles.
- Increased in Private Vehicle Ownership.
- Use of low-quality fuels in developing countries.

#### **2. Overpopulation**

- Increased energy and resource consumption.
- Expansion of Urban Areas.
- Deforestation.

#### **3. Unsustainable Agriculture Practices**

- Methane Emissions from Livestock.
- Excessive use of Chemical Fertilizers and Pesticides.

#### **4. Rapid Industrialization**

- Industrial Greenhouse Gas Emissions.
- Material manufactures using Fossil Fuels.
- Burning of Plastic.
- Weak Environmental Regulations in Developing Countries.

#### **5. Natural Factors**

- Volcanic Eruptions.
- Solar Radiation Variations.
- Natural Climate Cycles.

### **Consequences:**

#### **• Extreme Weather Events**

- Floods and Droughts.
- Heatwaves and Cyclone.
- Erratic Rainfall Patterns.

#### **• Health Hazards**

- Patients Suffering from Heat Waves.

- Skin Diseases.
  - Spread of Infectious Diseases.
  - **Poverty and Displacement**
    - Migration due to Climate Change.
    - Loss of livelihood due to burning of jungles.
    - Increases the vulnerability of Developing countries.
  - **Rising Global Temperatures**
    - Global warming.
    - Melting glaciers.
    - Sea level rise.
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