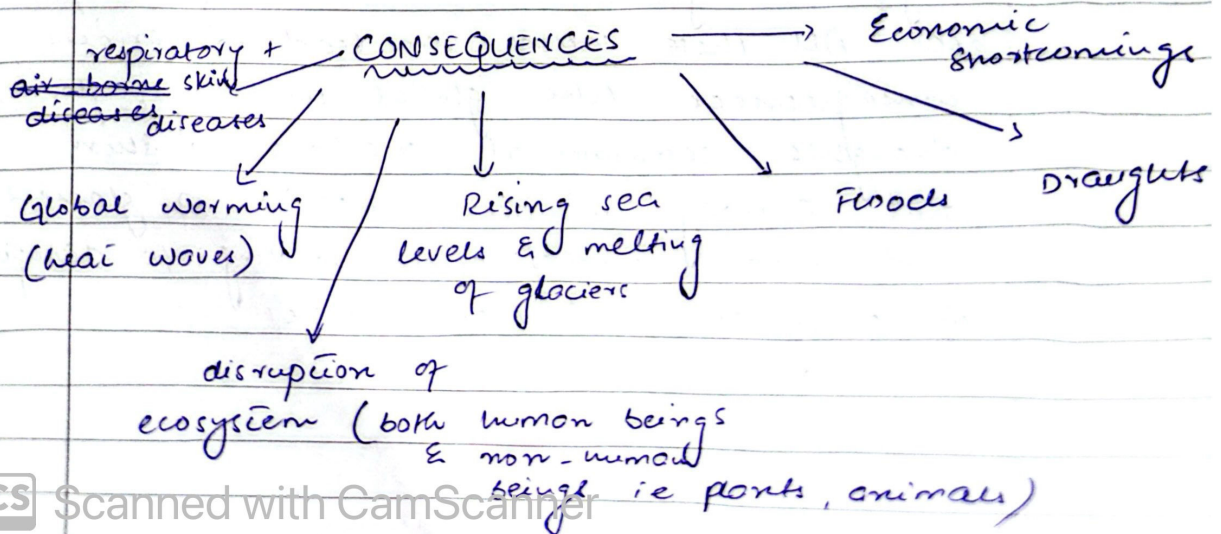
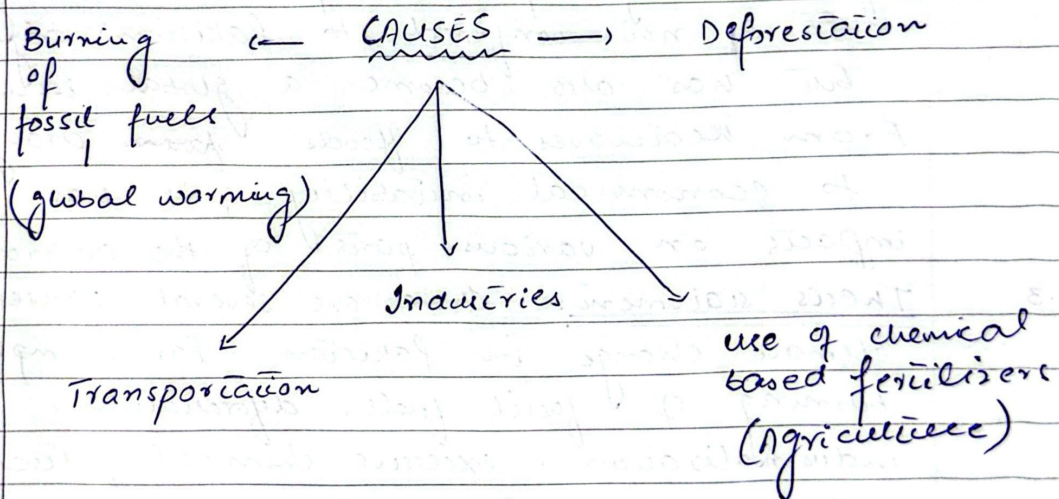


Date:

CLIMATE CHANGES IN PAKISTAN: CAUSES & CONSEQUENCES

BRAIN STORMING



OUTLINE

1. Introduction.

1.1. Hook:- A nation that destroys its soil destroys itself
- Franklin D. Roosevelt.

1.2 General Statement: Climate change is one of the major problems of 21st century. It is not confined to Pakistan only but has also become a global issue. From heatwaves to floods, ~~droughts~~ draughts to economical instability, it has impacts on various parts of the environment.

1.3 Thesis statement: There are several causes of climate change in Pakistan. For example, burning of fossil fuels, deforestation, industrialization, excessive chemical pesticides usage in agriculture and means of transportation etc. All these causes can lead to serious consequences like global warming, floods, draughts, economical challenges, skin and airway diseases, melting of glaciers and ocean acidification leading to disruption of ecosystem and marine life.

Date:

2. MAIN BODY :-

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CAUSES OF CLIMATE CHANGE

2.1

Burning of fossil fuel:

2.1.1

Burning of coal, oil and gas.

2.1.2

Increase in carbon dioxide levels.

2.1.3

Increase in overall temperature.

2.2.

Deforestation:

2.2.1

Cutting trees for urbanization and illegal logging.

2.2.2

Disruption of the ecosystem.

2.2.3.

To meet the ^{domestic} needs of mankind.

2.3.

Industrialization:

2.3.1

Building of factories and industries.

2.3.2.

Hazardous raw materials and waste products.

2.4.

Agriculture:

2.4.1.

Excessive use of chemical based fertilizers.

2.4.2.

Livestock farming.

2.4.3

Manure management and soil erosion.

2.5.

Transportation:

2.5.1

Vehicles emitting noxious gases.

2.5.1

usage of oil and gas.

Date:

CONSEQUENCES

2.1 Floods and draughts

2.1.1 Uncertain rainfall pattern can lead to both flood as well as draught.

2.1.2 Deforestation is also a major cause of floods.

2.1.3 Decreased harvesting.

2.2 Global warming:

2.2.1 Gases like carbon dioxide ~~which~~ entrap heatwaves from leaving Earth's surface.

2.2.2 Ozone depletion

2.2.3 Habitat loss, hurricanes, volcanoes, heatwaves

2.3 Melting of glaciers:

2.3.1 - Rising of sea levels

2.3.2 - Ocean acidification

2.3.3 - Disordered marine life

2.4. Air and water pollution

2.4.1 Airway diseases i.e asthma, respiratory infections etc.

2.4.2 Chemical wastes and poor sewage management can lead to water borne diseases i.e hepatitis, cholera, typhoid etc.

2.4.3 Ozone depletion → Exposure to UV rays which increases the risk of skin cancer.

2.4.4 Smog — 5th season of Pakistan.

Date:

2.5 POOR IMPACT ON ECONOMY:

2.5.1

Lack of agricultural reforms can decrease overall yield

2.5.2

Destabilizing agriculture sector — one of the key pillars of Pakistan's economy.

CONCLUSION:

Pakistan is no doubt facing adverse climate changes which are not only damaging ecosystem but are also severely affecting public health and economy. We should take collective action to make our climate healthier for our coming generations.