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Nida Shah / 59

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# Climate change: Causes and consequences:

## Outline:

### 1- Introduction

### 2- Causes of climate change:

#### a- Rapid industrialization

- (i) carbon emission
- (ii) contamination of water
- (iii) poor waste disposal

#### b- Population explosion

- (i) increase in demand
- (ii) Consumption of carbon emitting items
- (iii) Deforestation

#### c- High level deforestation

- (i) Reduction in carbon absorption
- (ii) Elimination of wild life.

#### d- Agricultural practices

- (i) Using pesticides and fertilizers
- (ii) Using machines

#### e- Transport

- (i) carbon monoxide emission
- (ii) Requiring petrol and diesel

### 3- Consequences of climate change:

#### a- Rising temperature

- (i) Leading to global warming.

#### b- Rising sea level

- (i) melting ice
- (ii) Leading to thermal expansion.

#### c- unpredictable weather patterns

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- (i) Heavy rains
- (ii) Wild fires
- (iii) Hurricane seasons.

#### **d- Loss of wildlife and biodiversity**

- (i) Eliminating habitats
- (ii) Killing wild animals.
- (iv) Disturbing ecosystem.

#### **e- Health issues**

- (i) Leading to respiratory and skin problems.
- (ii) Leaving a long lasting impact on genetics.

#### **4- Conclusion:**

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# 1- Introduction :

There is always a tendency among human beings to have a better and best life. In order to achieve a better life, humans have made numerous inventions with the passage of time. These inventions however, produced some adverse effects which threaten the life of human beings. One among such effects is climate change which is posing a major threat to the ecosystem in the contemporary world. Climate change is a long term change in the average weather patterns. Those human activities which lead to the climate change include overpopulation, due to which demand for food and shelter rises leading to industrialization and deforestation which are the other contributors to climate change. Also, use of pesticides and fertilizers along with the machines in agriculture sectors contribute to climate change. Because of such intense contribution to the climate change by these factors, the world ecosystem is harming severely. As, temperature of the world and sea level is rising. Moreover, climate change is leading to unpredictable

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weather patterns and loss of wildlife. Therefore, it is evident that population explosion, industrialization, deforestation, increase in transport and use of fertilizers are causing climate change. Moreover, climate change is rising temperature of ecosystem along with sea levels causing unpredictable weather patterns and eliminating wildlife.