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ECE - A

Environmental
Science – 18CYM101T

18CYMIOIT- Environmental Science

Assignment - I

1 What is Air Pollution?

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Air pollution refers to the release of pullotants into the air -pollutants which are detrimental to human health and the paret as a whole Air pollution is broken down into ambient (arthur) air pollution and indoor air pollution.

- of homen actity. Ones by an many sources, the majority of them a result
 - a) The burning of Bossil Aveld, Such as Coal to generate electricity buses, Ships and businesses, or petrol and drevel to paver our Cars,
 - 6) Industrial processes, particularly from the Chamical and Mining industries.
 - c) Agriculture, which is a major source of methode and or Mysnia.
 - 1) Wate Treatment and management, particularly and ples
 - e) dirty indoor cooking and heating systems
- f) Volumic eroptions, Just Storms and other natural processes.

What followants are released from the Sources?

These Sources spew out a range of Substances including Carbon Monoxide (CO), Carbon Jioserte (CO2), Nitrogen dioxide (NO2), Nitrogen Oxide (N20), grand Devel ozone (O3), particulate matter, Bulphut oxide (SO2), hydrocarbons and lead-all of which the hormful to human health.

What is the affect of air fallution on us?

4.

Air population has been called a major global health epidenic, Causing one in nine of all deaths. It also has musice regative impacts (1)

on Climate change and economies

In terms of health, air pollution Causes lung Concer, prote Jower tespiratory inflection, stroke is chaemic heart Jisease, Chionic obstructive Numerory Jisease.

Air pollution doesn't just impact human health and economic growth. It also couses global warming Take black Corton, which is produced by diesel engines, burning thesh and Jirty cook stores. It is deadly, but it is also a short-lived aimate pollutant. If we were to read its emission, we could show global working by up to 0.5°C over the next few decades

What Control Meabutes can we take?

We are all fait of the problem. But we are part of the political too!

By making small changes to out sives, we can pay out part in clearing

the air.

- a) Manage waste; composit Good and garden items. Reuse grocery bags.
 Never burn than as this conthibutes directly to air hollotion.
- 6) Cook and heat clean. Check efficiery ratings for home heating bystems and Cook stoves to use models that sove money and protect health.
- C) Move Mindgusty Use public transportation, cycle or walk. Consider switching to hybrid or electric vehicles.
- J) Rethink your energy use. Turn all lights and electronics not in use the Energy efficient equipment. Switch to Islan energy.

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