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GSA - I

Test #2

QNo: 1

Green House Effect in context of global warming

1. Unveiling green house effect;

Green house effect is the process in which earth's natural heating systems like atmospheric gases, pollution, etc trap the heat from sun and resist it from escaping the earth's atmosphere. In this way, heat is trapped on earth, eventually raising the earth's temperature. This is known as green house effect.

2. Causes of green house effect;

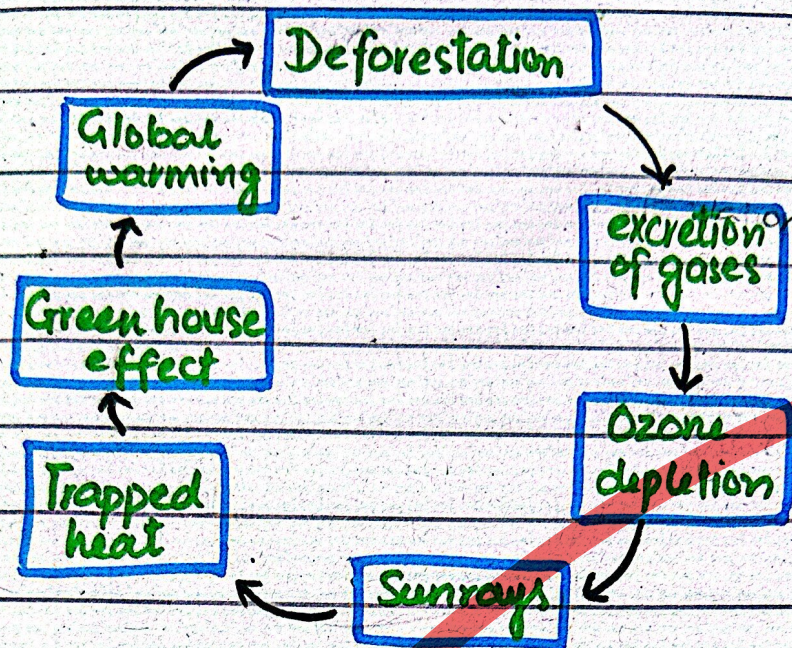
The concerning climatic issue of 21st century, green house effect is caused by following factors:

- Air pollution
- Incorporating toxic gases in environment
- Deforestation
- Industrialization, transportation, urbanization.

3. GHE as a driving factor of global warming;

The rising temperature of is referred as global warming. The emission of green house gases and green house effect is playing a crucial role in exacerbating the global warming. The verbal of global warming raising serious concerns for upcoming generations and earth.

4. Cycle of global warming;



5. Consequences of global warming;

The alarming threat of global warming and green house effect has serious consequences for earth and its people;

- Rising temperatures
- Melting of glaciers
- Climate change
- Floods , draughts, famines
- Extreme summers and extreme winters.
- Threat of biodiversity.

QNo: 3(b)

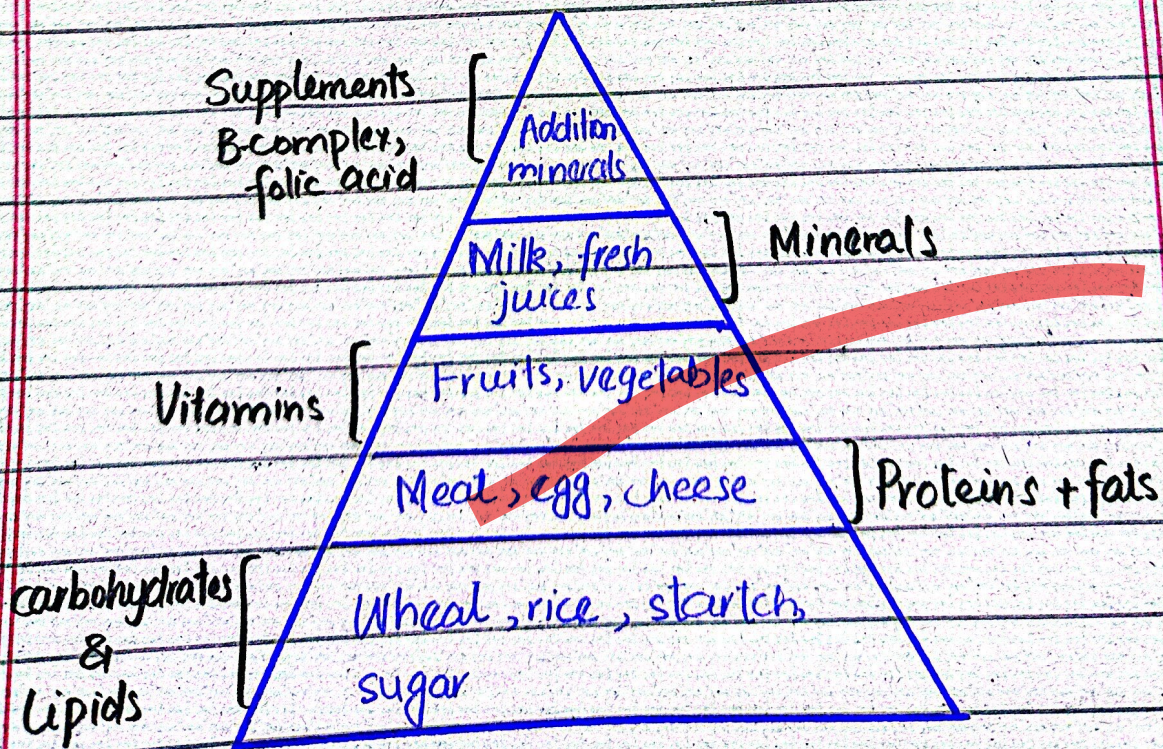
Balanced Diet

1. Introducing balanced diet;

A balanced diet is the one that contains all the essential macro and micronutrients required by human body for healthy life.

2. Components of balanced diet;

A perfectly balanced diet has following components;



3. What is an unbalanced diet;

An unbalanced diet is the one that lacks all the required and essential nutrients.

4. Consequences of unbalanced diet;

<u>CAUSE</u>	⇒	<u>CONSEQUENCE</u>
Deficiency of protein and carbohydrates	⇒	Muscle loss and weight loss
Deficiency of calcium and vitamins	⇒	Poor growth and weak bones
Deficiency of minerals and nutrients	⇒	Poor activity and low energy
Deficiency of fats	⇒	Fatigue and weak sustenance
Deficiency of iron	⇒	Anemia and low iron levels
Deficiency of sugar and lipids	⇒	Low blood pressure and low sugar levels

QNo: 3

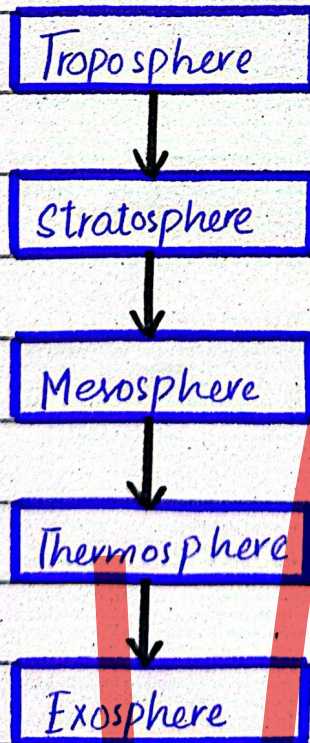
Explain Strata and layers of atmosphere

1. Defining Strata:

In scientific terms the layers of atmosphere, enveloping the earth are collectively known as strata.

2. Layers of strata:

The layers of strata shielding earth from space/astronomical events are as follows;



3. Functions of atmosphere;

The functions of atmosphere and lithosphere are listed below,

- Protect earth from infrared radiations of earth
- Provides a shield to the earth
- Shields earth from explosions of outer space.
- Provides a habitat for birds.
- Maintains the temperature of earth.
- Protects earth from radiations emitting by nucleic process of earth.