

Date: _____

Day: _____

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BATCH:- 003

LMS ID:- 43600

SUBJECT:- General Science & Ability



QUESTION:- 1

Explain GHE in context--?

Green House Effect:-

It is a natural process that keeps earth warm enough to support life.

WORKING:-

The working of green house effect is given below—

1. Sunlight reaches earth.
2. Earth absorbs the energy and then releases heat back towards space.
3. Green house gases in the atmosphere trap some of this heat instead of letting them escape.

4. This trapped heat warms the planet.

Green House Gases

The green house gases are :-

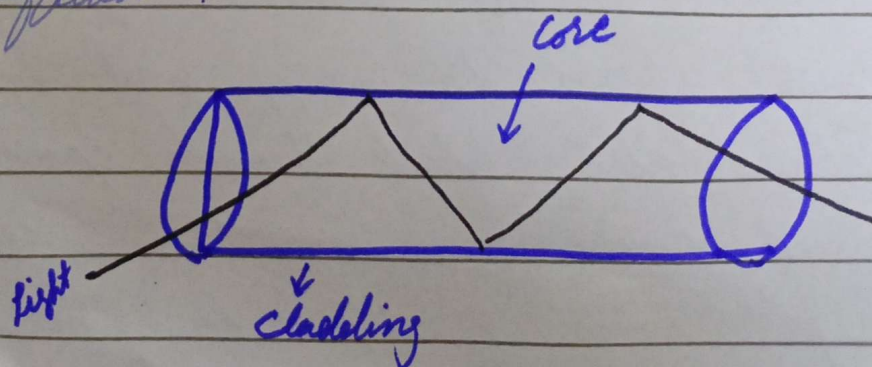
CO_2 , CH_4 , N_2O , CFCs.



- (c). Define optic fibers - - - ?

Optic Fibers :-

It is thin, flexible strand of glass or plastic that transmits signals from one place to another using total internal reflection.



IMPORTANCE :—

1. High-speed communication
2. Low signal loss
3. Wide Bandwidth
4. Immunity to interference
5. Lightweight and thin
6. Used in endoscopy and laser surgeries to view and treat internal organs.

d. Define water $\longleftrightarrow$ pollution . . .

Water Pollution

It is contamination of water bodies by harmful substances making water unsafe for living organisms and human use.

Types of Water Pollution

1. Physical Pollution

change in color, temperature etc.

2 Chemical Pollution:-

There is presence of chemicals like acids, pesticides and fertilizers.

3. Biological pollution:-

The pollution caused by bacteria, viruses and other microorganisms.

Sources of Water pollution:-

- 1- Domestic sewage
- 2- Industrial waste
- 3- Oil spills
- 4- Solid waste and plastics
- 5- Thermal power plants

Measures of water pollution:-

- 1- Policy to stop industrial wastage
- 2- Reduction in usage of chemical fertilizers
- 3- Proper disposal of solid waste
- 4- Use of eco friendly products
- 5- Recycling and reuse of water.