



Class - V EVS December Month Notes

17. Fuels We Use

I. Know These Terms:

Reserves : Large deposits of something

Crude : In natural state before being treated with chemicals

Refinery : A factory where a substance is made pure by removing other substances from it

Compressed : To make something fill less space than usual

II. Give reasons for the following statement:

1. Coal is called a fossil fuel.

Coal is a fossil fuel because it is made from the remains of dead plants and animals that got buried deep under the ground millions of years ago.

2. Petroleum is refined before use.

Petroleum is refined before use because crude oil is a mixture of many compounds.

3. We should reduce our dependence on non-renewable fuel.

We should reduce our dependence on non-renewable fuels because the oil reserves of the world are limited. Besides, most fuels cause air pollution, contribute to climatic change and global warming.

4. CNG is called fuel.

CNG is called clean fuel because it does not cause pollution.

III. Answer the following questions.

1. What is an oil refinery?

An oil refinery is a place where crude oil is sent through oil tankers and here it is processed and refined into various products like petrol, diesel, kerosene, paraffin wax and liquefied petroleum gas (LPG).

2. How can we cut down the use of fuel?

We can cut down the use of fuels by adopting certain measures.

- walking to places that are not very far
- using car pools as much as possible
- using bicycles for short distances
- using public transport like buses and local trains
- making sure the engine of our vehicle is turned off when it is not moving.

3. What is biogas? Where is it used?

Biogas is an alternate fuel which is made from biodegradable wastes such as cow dung, manure, sewage etc. There are many vehicles that run on biogas. It is also used as a fuel to cook food in households, especially in rural areas.

4. Give some uses of fuel other than being used in vehicles.

Some uses of fuel other than being used in vehicles are as follows.

- Coal is used to produce electricity. Some factories also use coal as a fuel.
- Kerosene is used as a fuel in stoves to cook food.
- Diesel is used in generators to produce electricity and in some vehicles as fuel.
- LPG (Liquefied Petroleum Gas) is a by-product of petroleum refining. LPG is used For cooking. It burns with a blue flame and does not cause air pollution. It is an eco-friendly fuel.