

## LESSON-12 WHAT IF IT FINISHES?

### ➤ KEY POINTS-

1. Fuel- The substance that can be burned to produce heat or power. Eg. Wood,coal,oil,petrol etc.
2. Fossil Fuel- The fuel formed in the Earth from the remains of plants and animals. Eg. Coal, oil, natural gas etc.
3. Energy- The power derived from the utilization of resources.
4. Fuels take millions of years to form like coal or petroleum .
5. The fossil fuels which are exhaustible and cannot be renewed are called Non Renewable sources of energy.
6. Petroleum is obtained by drilling holes called oil wells in the earth crust.
7. In Greek language, Petra means Rocks and Oleum means Oil . So, petroleum means Oil from rocks.
8. The energy source other than fossil fuel is called Alternate source of energy.

### ➤ DRAW A POSTER SHOWING IMPORTANCE OF PETROL FROM BOOK .

### ➤ ANSWER THE FOLLOWING –

**Ques.1 What are Fuels ?**

**Ans.**Fuels are materials that provide energy on burning.

**Ques.2 What are Fossil fuels ?**

**Ans.** Fuels like coal ,petroleum and natural gas are obtained from the deposit of animals and plants that got buried in soil million of years ago.



**Ques.3 Why should fossil fuels be used wisely?**

**Ans.** Fossil Fuels take million years to form .We are using them at a rate much higher than their formation. If we continue using them in high rate , a time will come when we will not have enough fuel for our need.



3. Use public transport like metro and buses .

4. Carpool whenever possible.

5. Put off the car engine at redlight .

6 Use eco – friendly fuels

**Ques.12 What is Coal ?**

**Ans.** Coal is a valuable natural gas.

**Ques.13 What is a Coal mine ?**



**Ans.** A place where plenty of coal is found is Coalmine.

**Ques.14 Name few vehicles that run on petrol and diesel .**

**Ans.** Run on petrol- Car, bus , scooter , bike etc.

**Run on Diesel –** Ship , Motor boat , truck , Aeroplane etc.

**Ques.15 Where is crude oil refined ?**

**Ans.** Crude oil is refined in Refinery. All waste materials from oil is extracted (taken out ) in Refinery.

**Ques.16 What problems can we Have from smoke coming out of vehicles ?**

**Ans.** We can have many health problems from smoke like coughing , cold , headache , nausea (urge to vomit ) , lung disease (breathing problems ),skin allergy , heart problems.

**Ques.17 Which states in India have oilfields ?**

**Ans.** Assam , Maharashtra , Gujarat , Andhra Pradesh are states which have oilfields.

**Ques.18 How are fossil fuels responsible for Global Warming?**

**Ans.** Fossil Fuels cause pollution when burnt. They release carbon , carbon dioxide and other gases which results in Global Warming.

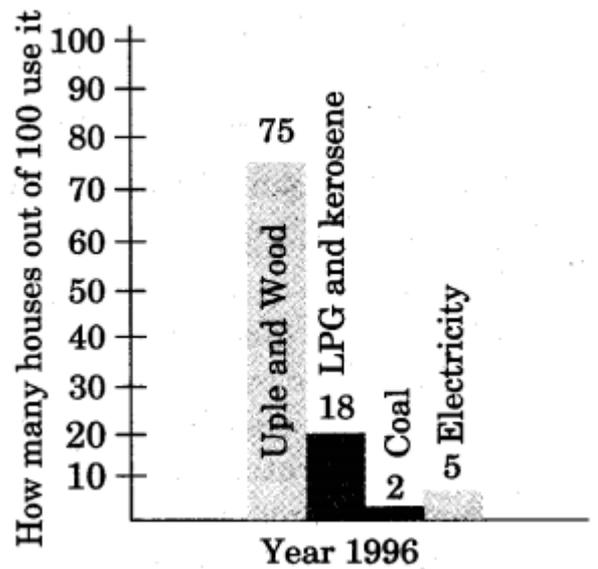
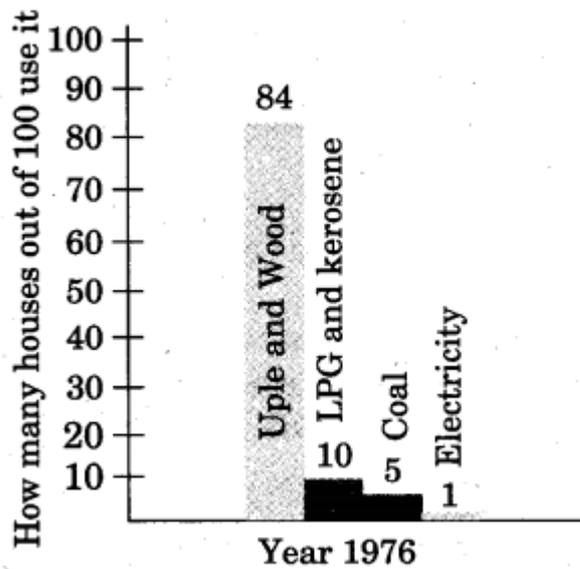
**Ques.19 What is Alternate source of Energy ?**

**Ans.** Alternate source of energy are Solar Energy , wind energy , energy from flowing water. These are Renewable sources of energy and do not cause pollution .

**Ques.20 What is Mileage ?**

**Ans.** The distance covered by a vehicle in one litre is called Mileage .

**Ques.21 Read the Bar graph and answer the following –**



1. In year 1976, out of 100 how many houses used Upla and wood ?

Ans. 84 houses.

2. Which was the fuel used least in 1976?

Ans. Electricity

3. In 1976, LPG and kerosene were used in 10 houses and in 1996, this increased to 18 .

4. Out of 100, how many houses werete using electricity in 1996 ?

Ans. 5 houses.

5. Which fuel was used the least in 1996?

Ans. Coal

6. What percentage of houses used it in the year 1976 ?

Ans. 5 houses.

