

Practice worksheet for class 8

Chapter 5:- Coal and Petroleum.

1.) Fill in the blanks.

- A.) Coal is the one of the fuel used to cook food.
- B.) Process of conversion of dead vegetation into coal is called carbonisation.
- C.) CNG is used for power generation.
- D.) Coal gas is obtained during the processing of coal to get coke.
- E.) Petroleum gas is in liquid form.
- F.) The world's first oil well was drilled in Pennsylvania.

2.) Answer in one or two sentences.

A.) What are fossil fuels?

Answer:- Fuels formed from buried remains of plants and animals for millions of years are known as fossil fuels.

B.) What is CNG?

Answer:- It is a natural gas which is stored under high pressure as compressed natural gas.

C.) Define petroleum.

Answer:- Mineral oil that is found under ground or sea that is used as petrol or other types of chemical substances.

D.) What are various constituents of petroleum?

Answer:- Petrol, kerosene, diesel, lubricant oil, paraffin wax ,LPG petroleum gas in liquid form.

E.) What is Bitumen.

Answer:- A bitumen is a petroleum product is used in place of coal-tar for metalling the rods.

3.) Short notes on:-

Q.A.) Explain Exhaustible and Inexhaustible natural resources.

Answer:- 1. Exhaustible natural resources: - The amount of these resources in nature is limited. They can be exhausted by human activities. For example forest, wildlife, minerals.

2. Inexhaustible natural resources: - The amount of resources in nature is unlimited. They cannot be exhausted by humans. For example sunlight, air.

Q. B.) Explain petroleum.

Answer:- a. Petroleum was formed from organisms living in the sea.

b. As these organisms died, their bodies settled at the bottom of the sea and got covered with layers of sand and clay.

c. Over millions of years, absence of air, high temperature and high pressure transformed the dead organisms into petroleum and natural gas.

Q. C.) Process of refining of petroleum.

Answer: - a.) Petroleum is a dark oily liquid.

- b. It has an unpleasant odour.
- c. It is a mixture of various constituents such as petroleum gas, petrol, diesel, paraffin wax, etc.
- d. The process of separating the various constituents or fractions of petroleum is known as refining.
- e. It is carried out in refining.

Q. D.) Petroleum is called as black gold. Explain.

Answer:- a. Many useful substances are obtained from petroleum and natural gas.

b. Petrochemicals are used in the manufacture of detergents, fibres, polythene and other man-made plastics.

c. Hydrogen gas obtained from natural gas is used in production of fertilizers.

d. Due to its commercial importance, hence petroleum is called black gold.

Regards,

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