

**Q1.** Fill in the blanks

(a) Coal and petroleum are formed from the dead remains of organisms and are known as \_\_\_\_\_.  
 (b) The process of separating the various constituents of petroleum is known as \_\_\_\_\_.  
 (c) Excessive burning of fossil fuels is a major cause of \_\_\_\_\_.  
 (d) Coal is used in thermal power plants to produce \_\_\_\_\_.  
 (e) When heated in air, coal burns and produces mainly \_\_\_\_\_ gas.  
 (f) Coal tar is a black, thick \_\_\_\_\_ with an \_\_\_\_\_ smell.  
 (g) Petroleum, \_\_\_\_\_ and \_\_\_\_\_ are fossil fuels.  
 (h) Forests and coal are \_\_\_\_\_ natural resources.  
 (i) The slow process of conversion of dead vegetation into coal is called \_\_\_\_\_

**Q2.** Write TRUE OR FALSE

(a) CNG is less polluting fuel than petrol and diesel.  
 (b) Fossil fuels are exhaustible natural resources.  
 (c) Compressed natural gas is obtained when natural gas is subjected to high pressure.  
 (d) Full form of PCRA is Petroleum Conservation Research Association.  
 (e) Resources which are present in unlimited quantity in nature are called exhaustible natural resources.  
 (f) Wildlife is an exhaustible natural resource.  
 (g) Under high temperature and pressure, dead plants get slowly converted to coal.  
 (h) CNG is less polluting fuel than petrol and diesel.  
 (i) Coal mainly contains carbon.

**Q3.** Match the items given in Column I with the items of Column II.

Column I	Column II
(a) Used for road surfacing	(i) Black gold
(b) Natural gas	(ii) Vaseline and candles
(c) Petroleum	(i) Bitumen
(d) Paraffin wax	(iv) CNG

**Q4.** Study the following passage and answer the questions

The burning of fossil fuels causes a lot of air pollution. The burning of coal and petrol produces gases like carbon dioxide, carbon monoxide, sulphur dioxide, nitrogen dioxide etc, which can lead to undesirable changes in climate due to increased greenhouse effect. These pollutants are harmful for all living organisms and can cause breathing problems and skin diseases.

- Name one major source of air pollution.
- Increase in the amount of green house gases leads to \_\_\_\_\_
- Air pollution is harmful and can cause \_\_\_\_\_ and \_\_\_\_\_ in living organisms.