

Name: _____ Date: _____

Coal and Petroleum

Q1. State some characteristics of petroleum.

Ans. _____

Q2. Explain the process of formation of petroleum.

Ans. _____

Q3. Write uses of coal tar.

Ans. _____

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Q1. State some characteristics of petroleum.

Ans. Characteristics of petroleum

- i. It is a dark oily liquid.
- ii. It has an unpleasant odour.
- iii. It is a mixture of various constituents such as petroleum gas, petrol, diesel, lubricating oil, paraffin wax, etc.

Q2. Explain the process of formation of petroleum.

Ans. Petroleum was formed from organisms living in the sea. As these organisms died, their bodies settled at the bottom of the sea and got covered with layers of sand and clay. Over millions of years, absence of air, high temperature and high pressure transformed the dead organisms into petroleum and natural gas.

Q3. Write uses of coal tar.

Ans. Products obtained from coal tar are used as starting materials for manufacturing various substances used in everyday life and in industry, like synthetic dyes, drugs, explosives, perfumes, plastics, paints, photographic materials, roofing materials, etc. Interestingly, naphthalene balls used to repel moths and other insects are also obtained from coal tar.