

Petroleum

A. Choose the Correct Answer:

1. Petroleum is formed from the remains of:

- a) Trees
- b) Dinosaurs
- c) Marine plants and animals
- d) Mountain rocks

2. The process of separating petroleum into different useful products is called:

- a) Filtration
- b) Refining
- c) Crystallization
- d) Sedimentation

3. Which of the following is NOT a petroleum product?

- a) Petrol
- b) Diesel
- c) Kerosene
- d) Biogas

B. Fill in the Blanks:

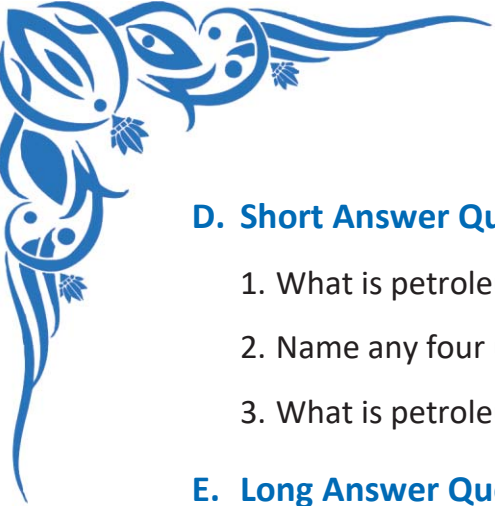
1. Petroleum is a _____ fossil fuel formed under the Earth's crust.
2. The process of refining petroleum takes place in a _____.
3. _____ is the thick, black liquid form of petroleum found in sedimentary rocks.

C. Case Study:

Naina visited an oil refinery during her school trip. She learned that crude oil cannot be used directly and must be refined into useful products like petrol, diesel, and kerosene. The guide also explained how these fuels are used in vehicles, cooking, and industries but cause pollution when overused.

Case Study Questions:

1. Why is crude oil not used directly?
2. Name three products obtained from refining petroleum.
3. How are petroleum products useful in daily life?
4. Why should we use petroleum products carefully?



D. Short Answer Questions:

1. What is petroleum and how is it formed?
2. Name any four useful products obtained from petroleum.
3. What is petroleum refining?

E. Long Answer Questions:

1. Describe the formation of petroleum and the refining process.
2. Explain the various petroleum products and their uses.
3. Why is petroleum called “Black Gold”? What are the environmental effects of its overuse?