

Using Crude Oil as a Fuel

Q1

As crude oil is a **non-renewable** resource people are keen to find **alternative** energy sources. Suggest a problem with each of these ways of using alternative fuels.

a)

Solar energy for cars:

b)

Wind energy to power an oven:

c)

Nuclear energy for buses:

Q2

Forty years ago some scientists predicted that there would be no oil left by the year 2000, but obviously they were **wrong**. One reason is that modern engines are more **efficient** than ones in the past, so they use less fuel. Give two other reasons why the scientists' prediction was wrong.

Q3

Using oil products as fuels causes some **environmental** problems. Explain the environmental problems that are associated with each of the following:

a)

Transporting crude oil across the sea in tankers.

b)

Burning oil products to release the energy they contain.

Q4

Write a short paragraph summarising why crude oil is the most **common source** of fuel even though **alternatives** are available.