

Science

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(Chapter 14)(Sources of Energy)
Class - 10

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Question 1:

Name two energy sources that you would consider to be renewable. Give reasons for your choices.

Answer 1:

Solar energy, wind energy, ocean energy etc., are renewable sources of energy due to the following reasons:

- These forms of energy are available in plenty in our natural environment in the form of continuous currents of energy.
- These energy sources will not be depleted because their supply is large and extraction of usable energy from these sources is negligible.

Question 2:

Give the names of two energy sources that you would consider to be exhaustible. Give reasons for your choices.

Answer 2:

Coal and petroleum are two exhaustible sources of energy. These fuels were formed over millions of years ago and there are only limited reserves. If we continue to use them as at present, these reserves will be exhausted very soon.