

Vidya Bhawan Balika Vidyapith, LKR.

Class-8th, Sub. -Social Science, 04-09-2021

Ch3- Ingredients of Modern Industry(Geog.)

Conservation of minerals:-Some ways of conserving minerals are by using alternatives or substitutes, recycling, reusing the lowgrade ores, reducing the consumption, using better mining methods and reduction in the export of quality ores.

Power resources:- Energy is a pre-requisite of modern industry. It is required for domestic purposes as well as for human activities.

Power resources are generally classified into two types: Conventional & Non conventional resources.

Conventional sources of energy are the traditional sources like firewood, charcol, cow dung cake etc.

Non conventional resources are the resources used for alternative. like-solar energy, wind energy, hydroelectric energy, tidal energy etc.

Ore:- Rock material from which minerals of sufficient value and quantity can be obtained.

Fossil:-The remains of a prehistoric organism preserved in a rock.

Mining:-The extraction of minerals from a mine.

Coal was formed more than 300 million years ago from the compressed remains of ancient tropical forests and ferns.

Peat, Lignite, bituminous and anthracite are the four main types of coal. Bituminous is higher in carbon content (40 to 80%), Peat has low carbon content(45 to 60%), Anthracite has the highest carbon content(90 to 95%), Lignite is used in generating electricity and for manufacture of gas, plastic and nylon)

Next topic to be taught

Non conventional source of energy:- Solar, Wind, Geothermal, Tidal energy etc.

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