

## Section-1-

Q.3. Geothermal energy

→ Geothermal = Geo (earth)  
+  
Thermal (Heat)

→ The heat which is generated under the earth due to radioactive decay of atoms.

→ It is present in abundance on earth, so it may be called as inexhaustible / non-conventional / renewable or alternate source of energy.

→ This is one of the energy which do not belong to sun's energy.

→ It <sup>creates</sup> less pollution.

Thermal power plant.

→ In this system, the water is boiled using fuel to generate steam which again used to rotate turbine to produce electricity.

→ It is ~~present~~ present in limited quantity on earth, so we can call it exhaustible source of energy or non-renewable source of energy i.e. coal.

→ Thermal power plants ~~run~~ run with coal (generally), & the ultimate source of coal is the sun.

→ It creates more pollution.