

**National Institute of Open Schooling**  
**Senior Secondary Course : Environmental Science**  
**Lesson 30B : Renewable Sources of Energy -II**  
**Worksheet-30 B**

1. Why do we consider biomass, geothermal and hydrogen as a vast source of energy?
2. Do you agree that there is a need to develop sustainable energy policy today? If yes, give reasons in support of your answer.
3. 'Biomass represents an indirect form of solar energy' justify this statement in your words.
4. Why has bagasse been known as a biofuel? Explain in brief.
5. Hydrocarbon producing plants are known as alternative energy source in recent time. Mention its advantages.
6. How does our ancestor know the value of geothermal energy? Explain in brief.
7. Discuss impact of geothermal energy towards the environment.
8. Do you think that use of hydrogen as a fuel helps to reduce air pollution and global warming? If yes, give reasons in support of your answer.
9. Discuss the working of fuel cell with the help of flow diagram and brief explanation.
10. "Fuel cell technology helps to reduce urban air pollution." Justify this statement with reasons.