

National Institute of Open Schooling
Senior Secondary Course : Environmental Science
Lesson 27B : Importance of Energy in Society
Worksheet - 27B

1. Can you think today's life without use of energy? Give reasons in support of your answer.
2. "Energy can neither created nor destroyed ". Explain this statement with suitable examples.
3. Do you think during every energy transformation, some energy is always lost in the form of heat? Give reasons in support of your answer.
4. Differentiate between gram Calorie and Joule.
5. Is there any relation between ethanol, fermentation and biomass? If yes, give reasons in support of your answer.
6. Discuss how photovoltaic cell converts solar energy into electricity.
7. Do you think that more than 90% of the potential energy of water can be converted into electrical energy? Explain in brief.
8. Why do we consider hydrogen as a very promising clean fuel?
9. Describe the process of formation of petroleum products?
10. Do you think that nuclear energy is not a good alternative source of energy? If yes, give reasons in support of your answer.