

[illegible]

- How does energy use affect the environment?
- What are limitations of photovoltaic solar energy conversion?
- What is requirement of energy management?
- What is load distribution management?
- How energy can be saved in HVAC system?
- What is waste heat recovery system?
- What are limitations of geothermal energy resources?
- What is life cycle costing?

SECTION-B

2. Explain the construction and working of concentrating solar collectors.
3. Explain electricity demand management strategies.
4. Explain different methods of energy saving during different mechanical processes.
5. Explain methods of hydrogen production and storage.
6. Explain advantages of renewable energy systems.
7. Explain different methods to store energy.
8. Explain different categories of HVAC system.
9. Explain the need and methodology of energy audit.

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