

# Practice Questions

## UNIT-2

1. Explain the objectives and principles of energy management.
2. Explain all the steps involved in energy management strategy.
3. What is energy auditing? And explain the need for energy auditing.
4. What is energy auditing? And write a note on Preliminary and Detailed audit.
5. Explain ten step methodology to conduct a detailed energy audit.
6. Describe the role of energy management team.
7. Give a flowchart of Penicillin-G manufacturing and identify ENCON opportunities.
8. Explain the format of detailed energy audit report.
9. Write a note on energy costs.
10. With neat diagrams, explain about energy use profiles.
11. Explain the audits required for energy use profiles.
12. Explain about the instruments (any five) used for energy audit.

## UNIT-3

1. What is payback analysis and mention its advantages and disadvantages?
2. Derive an equation for the present worth of uniform series compound amount. Analyze how this equation can be used to compute the best alternatives among the proposals considering different conditions.
3. What is the significance of depreciation? Explain any three methods of calculating depreciation.
4. Numerical examples    2.13.6,                    2.13.7,                    2.13.8,                    2.13.9,  
                                 2.13.10,                    2.13.11,                    2.13.13,                    2.13.18,                    2.13.19