

Indus University

Mechanical Engineering Department

Subject: Energy Conservation and Management (DE-II)

Subject Code: ME0709

Question Bank

Unit: 1

Energy Scenario

1. Explain different form of Energy.
2. Enlist different sources of energy and explain each one in brief.
3. What are the major sources of the India? Explain utilization of Energy sources in India.
4. Which are major places of the India for coal, Petroleum and natural gases?
5. Explain about GDP and role of Energy in National GDP.
6. Explain following terms in detail
 - a. Per capita energy consumption
 - b. Energy Intensity
 - c. Energy Security
7. What is meaning by energy conservation. How it can be done at household level?
8. Explain possibility of energy conservation at community, industry and transportation level.
9. Explain Energy policy about energy conservation for India.
10. Which are the State designated agencies for energy conservation?
11. Explain in detail about Bureau of energy efficiency (BEE).
12. What is star labeling? Write advantages of star labeling.
13. Explain type and list of appliances for star labeling.
14. Explain in detail salient feature of Electricity act 2003.
15. **Journal Paper Topics:** Role of Energy in National GDP, Energy Security, Energy conservation, Scope of Energy conservation in various industries, Energy efficiency, Star labeling on appliances, Electricity acts.