1. What are the modern technologies needed to meet the energy demand?
2. Discuss the key aspects of emerging energy sources.
3. Differentiate between power and energy with suitable example.
4. List the fossil fuels which are used for the energy production.
5. Discuss the effect of energy and demographics factor on energy development of India’s.
6. Explain policy and institutional frame work for energy in India.
7. List out the applications of energy storage system.
8. Explain the flywheel energy storage system with a neat diagram.
9. Discuss the benefits of thermal energy storage system.
10. Define electro chemical and magnetic energy storage.
11. Explain hydro storage with neat diagram.
12. Explain the following thermal energy storage systems,
    1. Packed rock beds
    2. Low temperature CO2
    3. Thermo chemical energy storage.
13. What are the primary and secondary sources of energy?
14. Explain the various key energy trends in India.
15. Explain briefly factors affecting India’s energy development.
16. Define energy and power.
17. Discuss the different forms of energy.
18. Discuss the effect of energy and demographics factor on energy development of India’s.
19. List out the advantages of energy storage system.
20. Explain compressed air storage with a neat diagram.
21. Discuss the principle of energy management.
22. What is energy management.
23. With neat a diagram explain the solar pond technology.
24. Explain about types of thermal energy storage systems.