CAMBRIDGE INSTITUTE OF TECHNOLOGY

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Question Bank for 2nd Internals

1. What are the benefits of Thermal Energy Storage? [Pg2 (M2)]
2. Discuss Principles of Energy Management. [Pg14 (M2)]
3. Discuss the Types and need for Energy Audit. [Pg15 (M2)]
4. List out few guidelines for carrying out energy management in industries. [Pg17 (M2)]
5. Discuss General Characteristics of Capital Investments. [Pg24 (M2)]
6. Explain Energy Pricing and Power cost in India. [Pg14 & 15 (M2)]
7. List out the applications of energy storage system. [Pg1 (M2)]
8. Explain with a neat sketch grassland ecosystem. What are its types? How conservation of grassland can be made. [Pg12 (M3)]
9. Discuss with a neat sketch how oxygen cycle utilized in the ecosystem. [Pg7 (M3)]
10. Define electro chemical and magnetic energy storage. [Pg2 & 6 (M2)]
11. Explain what is an eco-system? Discuss Forest ecosystem. Explain how conservation of forest can be done. [Pg7 (M3)]
12. Elaborate how the nitrogen cycle ecosystem operates. [Pg7 (M2)]
13. Why to store solar Energy? [Pg11 (M2)]
14. Explain with a neat sketch Thermal storage technology. [Pg8 (M2)]
15. Explain with a neat sketch Phase Change Materials. [Pg10 (M2)]
16. Classify Energy Storage Methods with a block diagram. [Pg3 (M3)]
17. Explain compressed air storage with a neat diagram. [Pg5 (M2)]
18. Discuss the principle of energy management. [Pg14 (M2)]
19. What is Energy Pyramid. [Pg10 (M3)]
20. Explain with a block diagram Food Web. [Pg9 (M3)]
21. Explain with a block diagram Food Chain. [Pg9 (M3)]
22. What is Energy Cycle. [Pg8 (M3)]
23. With neat a sketch explain Nitrogen Cycle. [Pg7 (M3)]
24. Explain with a neat sketch Carbon Cycle. [Pg6 (M3)]