

## **Geothermal Energy Utilization**

### **Short Question Bank**

1. Name a few sites where geothermal energy is harnessed.
2. Classify the geothermal sources.
3. Classify Geothermal reservoirs
4. List different types of Geothermal Power Plants
5. Explain the use of Geothermal systems for electricity generation.
6. Explain what is geothermal energy? What are geothermal fields?
7. What are hot spots? Why hot spots are important in harnessing Geo-thermal energy?
8. What is the current status of geothermal energy in India?
  
9. Write the sequence of energy transformation taking place in the Geothermal power plant
10. Explain the Structure of Earth's interior.
11. What are the advantages and disadvantages of Geo-thermal energy?
12. Discuss vapor-dominated geothermal plants with a diagram.
13. With a line diagram, explain the heat extraction from hot dry rocks
14. Discuss categories of Categories of Geothermal sites.
15. Explain the various Geothermal resources available.
16. Illustrate with Neat Sketch Hybrid Geothermal-Fossil Power Units
17. Discuss the Environmental Benefit and environmental Effects of Geothermal power plant.
18. Explain with neat sketches, the operation of a geothermal power plant.
19. Discuss the classification of geothermal power plants.
20. Illustrate with Neat Sketch Binary cycle (ORC) power plant.