

UNIT-IV GEOTHERMAL ENERGY SOUSES

S.NO	Questions	BT	CO	PO
Part–A(Short answer questions)				
1	Define geothermal energy?	L1	CO4	1,2,3,4,6,7
2	What are the different types of geothermal wells?	L1	CO4	1,2,3,4,6,7
3	What is meant by geothermal reservoir?	L1	CO4	1,2,3,4,6,7
4	Mention Advantages of geothermal energy?	L1	CO4	1,2,3,4,6,7
5	Define OTEC?	L2	CO4	1,2,3,4,6,7
6	Define the principle of OTEC?	L1	CO4	1,2,3,4,6,7
7	Define Tidel energy?	L1	CO4	1,2,3,4,6,7
8	What is mini hydro power plant?	L2	CO4	1,2,3,4,6,7
9	What are the advantages of tidel energy?	L2	CO4	1,2,3,4,6,7
10	What are minimum temperatures of difference are qiured for OTEC			

Part–B(LongAnswerQuestions)

1	Explain geo thermal energy and discuss its origin,characteristics, advantages, and limitations.	L2	CO4	1,2,3,4,6,7
2	2.Describe the different types of geothermal resources with suitable examples.	L2	CO4	1,2,3,4,6,7
3	3. the working principle of a geothermal powerplant with a neat diagram.	L3	CO4	1,2,3,4,6,7
4	4.Discuss the various methods used for geothermal energy extraction and utilization.	L3	CO4	1,2,3,4,6,7
5	5. Compare geothermal energy with other renewable energy sources in terms of efficiency, cost ,and environmental impact.	L2	CO4	1,2,3,4,6,7
6	Explain geothermal energy and discuss its origin, characteristics, Advantages ,andlimitations.	L2	CO4	1,2,3,4,6,7