

b. Explain the working of vapour-dominated geothermal power plant with a neat diagram. 10

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UNIT - IV

7 a.	Explain the vertical axis wind machine with a neat schematic diagram.	10
b.	Mention the advantages and limitations of Tidal power.	6
c.	Define coefficient of performance and Betz limit for wind energy.	4
8 a.	Sketch and explain the working of double basin tidal system with a neat sketch.	10
b.	Discuss the various problems associated with OTEC.	10
UNIT - V		
9 a.	What is bio-mass? Explain the process of anaerobic fermentation and list the advantages.	10
b.	Explain with a neat sketch, the fixed dome type biogas plant.	10
10 a.	With a neat sketch, explain the electrolyte production of hydrogen.	10
b.	Describe the different methods of hydrogen storage and hydrogen transportation.	10

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