



	B. Discuss the various considerations taken into account for site selection of a wind energy system.			
17	A. Explain in detail about anaerobic digestion and the different phases involved in this process? B. Differentiate between the following methods of biogas generation i. Pyrolysis ii. Combustion iii. Gasification.	5M 5M	4	L2
OR				
18	A. What is biomass? What are the different resources used to extract biomass energy? B. What are the various Biomass conversion technologies presently used? What are the main advantages and disadvantages of Biomass Energy?	5M 5M	4	L2
19	A. Discuss the theory and working principle of ocean thermal energy conversion systems. B. Explain the working of a tidal power plant with a neat sketch.	5M 5M	5	L2
OR				
20	A. Explain with neat diagram the working of a geothermal power plant. B. Describe various energy extraction technologies used with hydrothermal resources.	5M 5M	5	L2