Question bank (RET 22661)

UNIT 3 Wind energy system (CO3)

Q.1 State different types of wind energy system.
Q 2.Explain with neat figure grid connected wind energy system.
Q 3.Explain with neat figure stand alone wind energy system.
Q 4. Draw neat fig of small horizontal axis wind turbine (HAWTs).
Q 5. Draw neat fig of small vertical axis wind turbine (VAWTs).
Q 6. State and explain components of small horizontal axis wind turbine (HAWTs).
Q 7. State and explain components of small Vertical axis wind turbine (VAWTs).
Q 8. Explain steps for maintenance procedure of wind mill system.

UNIT 4 Micro hydro power system (CO4)

Q.1. Draw neat fig of micro hydro power plant.
Q 2. State and explain components of micro hydro power plant.
Q.3 State installation procedure for micro hydro power plant.
Q.4 Explain steps for maintenance procedure of micro hydro power plant.

UNIT 5. Bio energy system (CO5)

Q 1.State difference between biogas and biodiesel.
Q.2 State classification of Bio-fuels
Q3. Explain with neat figure gasifier.
Q4. Explain with neat figure digester.
Q5. draw neat figure of Janta type biogas plant
Q6. draw neat figure of Deenbandhu type biogas plant.
Q.7 Explain steps for installation of biogas plant.
Q 8. State and explain application of biofuels.
Q9. Write short note on, smokeless chulhas, burners heaters, and engine.

UNIT 6. Renewable energy Hybrid systems and feasible studies (CO6)

Q 1.State installation procedure for wind solar pv hybrid system.
Q.2 State classification of hybrid system
Q3. Explain with neat figure wind solar hybrid system.
Q4. Explain with neat figure wind biogas hybrid system.

Q5. Explain with neat figure solar biogas hybrid system
Q6. State technical and commercial requirements for selection of hybrid system.