

QUESTION BANK

COURSE:- RET(22661)

PROGRAMME CODE:- ME6I

Unit 1: Solar Thermal System (CO1)

Q no 1: Explain alternate energy source.

Q no 2 : Write different types of Renewable Energy Sources.

Q no 3 : Explain with neat fig. Solar Thermal System.

Q no 4 : State & Explain types of Solar Thermal System.

Q no 5 : State & Explain with neat fig. Flat plate collector.

Q no 6 : Explain with neat fig. Parabolic collector, Dish type collector & Solar towers.

Q no 7 : Explain with neat fig. Thermo-syphon water heating system .

Q no 8 : Explain with neat fig. Force circulation water system.

Q no 9 : Explain in brief routine maintenance procedure for water heating system.

Q no 10: State measure causes & remedies for failure of water heating system.

Q no 11: State & explain with neat fig. Different types of solar dryers and state applications If each.

Q no 12: State the criteria used for selection of commercial water heating system.

Unit2: Solar Photovoltaic System (CO2)

Q no 1: Explain with neat fig. PV cells.

Q no 2 : Classify solar Photovoltaic System.

Q no 3 : Explain with fig. Different types of solar panels .

Q no 4 : State and explain recent trends in Solar PV system.

Q no 5 : Explain with neat fig. Solar stand alone system .

Q no 6 : State steps involved in maintenance of Solar Roof Top System .

Q no 7 : Write a note on promotional schemes for SPV .

Q no 8 : State & Explain with neat fig. Components & accessories of SPV.

Q no 9 : State methods for selection of SPV accessories.