

- 1] What are The Traditional sources of Energy? Why we Cannot depend on it permanently?
- 2] Define The solar constant?
- 3] Describe briefly Components and The operation of Solar Thermal Power plant? state 5 projects implemented around The world?
- 4] What is The optimum installation of PV Module? sketch?

- 1] Describe briefly The history of Photovoltaic?
- 2] Define: Watts of Peak Power ( $W_p$ ) That used in Ratings of PV Modules?
- 3] Difference bet<sup>n</sup> Cell, Module, Panel, Array and photovoltaic generator using sketch?
- 4] sketch a graph To show The different components used in PV system in Home?
- 5] State some of large-scale, cost-effective PV applications?
- 6] state The Four Consideration of selecting PV dealer?
- 7] When Your PV system is appropriate? Explain briefly?
- 8] What are The 3 factors be Considered When determining whether Your site is appropriate or not for PV system installation?
- 9] what are Advantages and disadvantages of PV system?