

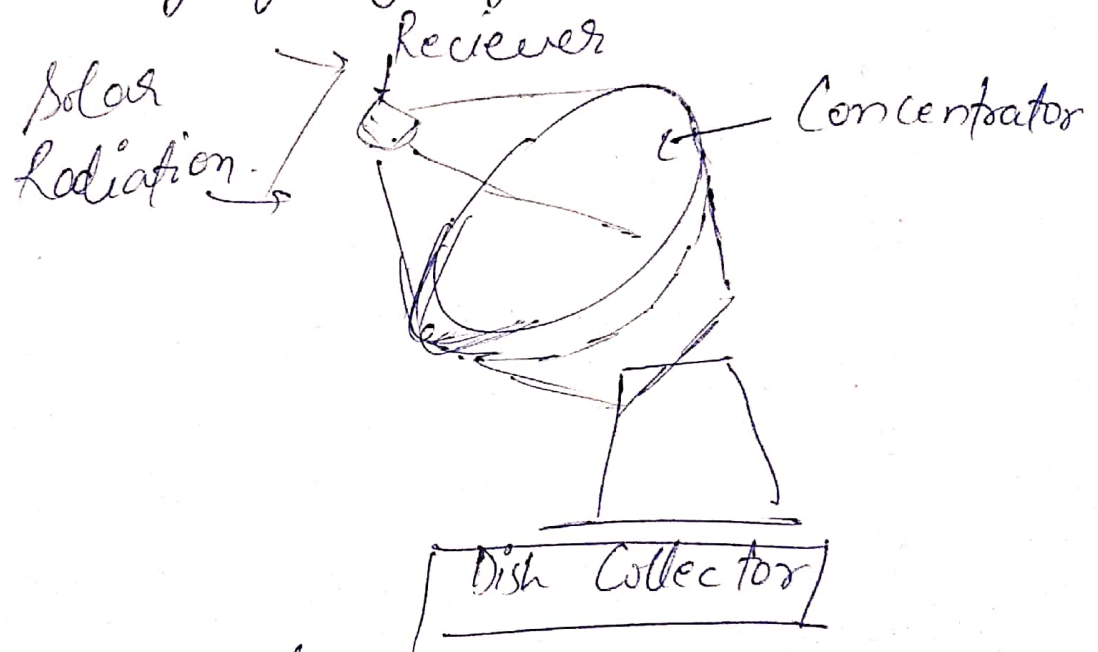
Section 2

Q4.

Solar Collector

A solar collector is a device for collecting solar radiation and transfer the energy to fluid passing in contact with it. Utilization of solar energy requires solar collectors. These are generally of two types

- (i) Non concentrating (or) flat plate solar collector.
- (ii) Concentrating (focusing) type solar collector



Materials used:
A solar collector require a black flat plate panel made of a steel absorber plate covered with two sheets of glass and an insulating pad made of fiber glass insulation or polyurethane foam with an aluminium foil facing which acts as a moisture barrier.