

Ques 2

④ Discuss the various material used in solar collector.

⇒ Material used in solar collector are.

① Absorber plate.

② Transparent cover

③ Insulation.

④ Box

① Absorber plate :- It is used to grasp and absorb solar radiation.

⇒ The plate is usually metallic, sometimes plastic have been used in some low temperature application

② Transparent cover

a) It help in reducing the convective and radiative heat losses.

③ Insulation :- It minimize the heat losses by conduction

④ Box :- It contain above component and keep them into desired position

