In a VARS, hugt is given to the Gustion:geresator at 30°C. The temp. of Condenser and endborder are 50.0 and -10.0 in Cooling and keat absorption Find the maximum cop of the systemviven data:

$$\left(\text{CoP}_{\text{VARS}} = 1.69\right)_{\text{II}}$$

Important an of this chapter:

- (1) Explain the Working principle of VARS with suitable diagram.
- (2) Explain the working of extrolux Refrigerator system.
- solar power Refriguration How the system Works? What are the advantages and disadvantages of Solar retrigeration system over VCRS.

AIR REFRIGERATION SYSTEM

- Coleman cycle with the help of P-vand T-S diagram. Find the cop.
- W What are the advantages and disadvantages of ARS Over VCRG.
- B) Explain the Morking principle of Bootstrap Retrigunation system with the tulp of line diagram.