Phase Rule

Phase change Material - (PCM)

- Electronic Circuit - Heat absorber

Low Herman Repartsion

Organic -paraffin -molecular.

- Fatty Avid | demiratives

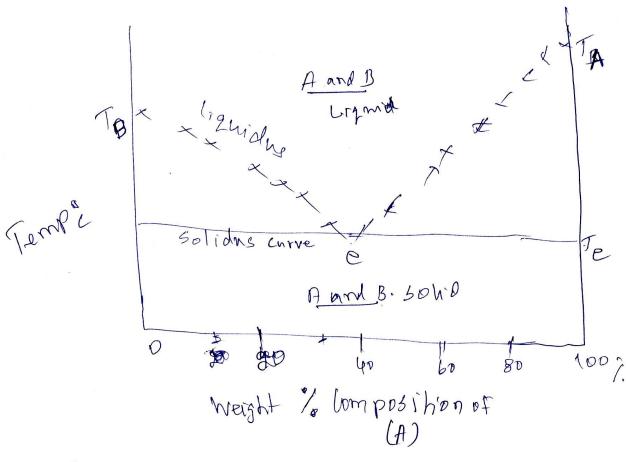
Entectics

(EWHERTIL-MIXTURE - bowest Freezing point of all the possible mixtures

Entectic point - the minimum/least
freezing point attained

& - next page

Phase Dragram



TA-Melting point ut A
TB-11 11 B

e - Enteric Point/Composition

To - 11 Temperature of the Components

LaB-mixture: Maphthalone (A)

Biphenglene (B)

Steamic Aud and Mystic Aud

Freezing point ut-A

D A-1gm B-0-1gm

 $\begin{array}{ccc}
(2) & A - 1 g m \\
B & = 0.2 g m
\end{array}$

1, pt A= 1+02 - 833%

EACH COMPONENT HAS THE PROPERTY OF

LOWERING THE DTHER'S FREEZING POINT

Colligative properties- Elevation at Builty Point Lowering of freezing point Table-II

WHOFA= D.1 gm

Find out Entectic Temp and Entectrc homposition at the given Binary System M at mul 5.00 & of Freezing (A) point A gn 1 0.2 60 2 0.4 57 0.6 3 54 0.8 4 52 5 50 52 1 0.2 48 2 0.4 47 3 0.6 46 5 0.8 8 1