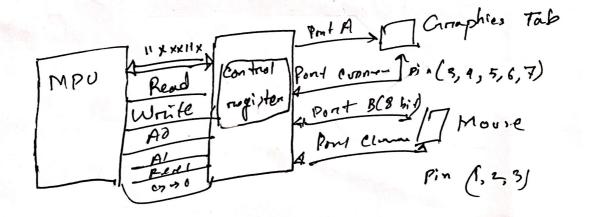
Answer to thequestion no-1

port A is working on mode 2 where port B is working on mode 1.

Control whole = 11 xxx11x

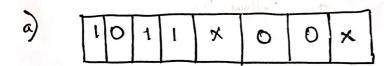
Here, x = don't care

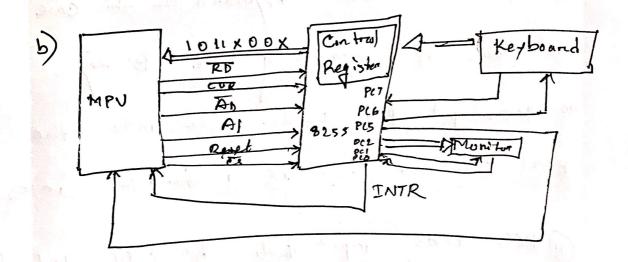
b) The configuration of the 82055 se



Timing Diagram STB TBP Buffen Foll INTR PD Port WR Bsffen full OBF Parta nemoved Pont ALE

Answer to the question no-2





Pant B

Pant B

RD = 0

RD = 1

$$\overline{CVR} = 1$$
 $A0 = 0$
 $A0 = 1$
 $A0 = 0$
 $A1 = 0$
 $A1 = 0$
 $A20 = 0$

e) Priesing 18, trey on hybodied. 5teps on
ma est Re is as follows?
82 css 2 e is as follows:
1) Input comes from keyboard. In this case,
in form of preversing the B' key,
the strong input (BTD) loads date into the
part later on a o is + from sitter in \$2055.
input duller full (IBI) to treyboard
to indicate that no new input is needed its.
the datapassi
sent &
De Date get (INTR) is sent to microproces son De Interrupt (INTR) is sent to microproces son De microprocesson will generate read command
10 (a) Ser W" (
a Lampt 1) Neactivation
Donto comes from 82 C55 through 4
datopath & microportocesson Japat butter full Gignal is describated
Import buffer full Fignal is dearthratell

Data Read