Elt Sobylih 100314177

Postal Loie: 15h8

Problem set: Charter 8: 1-10

DInstruction Set Archtechre Rossiters Phat are visible; Acc, Out, and SC

- 2) RTA
 The components are;
 PCJInc, Amns, Mar, MSDIr, Duns, Acc, Outs 5-16
 Yes, the RTA meladres the
 F5+4
- 3) share tre (4) four St state transitions for each SAM instruction
- M RTA sinte to.
- The HIT instruction is and red (1) to sether with the clock. When the HIT instruction is extruted it actually just disconnects the clock from the minchine the clock continues to run.

b) be on use fre OF (odos for Pros SAM are et 6/75 (1)

Mardble) Dros means we can
have; 60000

1111

8 total OF Codes

7) JSA at SAM.V2

Word 562e: one 64te (8 6/15)

Memory: 32 6/tes

Instruction Format Meaning

Lda M

10) The Lose explosion I used in my SAM for the Oak mother was:

PC-63 Nompo (Jaz 1 Acc of Zero))

POSS added the Condition

Necessary for the Jaz

Mother to preform a

Jump when the Acc of all

Zeroes.