None - Syeda Ruha Quant group - C-7/ Raino - INITURORTIA MPMC (Micropencessors and Micro Conductions)

assignment - 1 Once 1. very lower order address pures (Ao-A7) is multiplened with daya bus (Do- DJ) and how it is demultiplened?

An the main reason of multiplening address and data bus is to reduce the number of pins for address and data and dedicated that pins for other seneral functions of microperscensor these multiplened set of line used to carry the lower order 8 bit address as held as data bus. as well as data bus.

They are domittipled using ALE (Address Latch thable) pin.

ans 2. How many machine eyeles are required for enecuting INC instruction in hold cases when condition is true or false?

fetch, memory read, memory Read) and 10- T State as for the execution

ans 3. Explain the difference b) w hardware & software interripts Any 1 Hardware Interrepts 1) In in Brupe Inat is generated from external device. 1) A type of interupt caused by an insternam in the program 2) Syndronnized events as synchronized events 3) In Orease the program commer 3) Do not increment the program counter. 4) God a higher periority 4) so not get a higher priority.

a perogram in 8085 to corner BCD mimber to and G. Woute sp, 80FFH Addennative preside

LXI M, 80 28 4 一人工 B , 802CH LX2 AIM NON BCDBIN CALL

STAX B HLT

PUSH B MOV B, A MON CIANTE DENIL SON MORE MANAGEMENT JAMIN ANI DEH T - TANKALTAR MOV A, B ANI FON AND THE WAR AND THE PARTY OF THE PAR RRC RRC (19 - 19) 224 PARCE STATE OF THE STA RRC RRC Lander of the sales of the Mov D, A was some the server with the server was the server with the server was t MVI E, DAY XRAA ADD & None de mante A D & Mary A D & C & Marie Man and A gard PUR P TNZ SUM

BOD L

POP B

RCT RET Our 6. Explain in following Instructions An 1) 2HLD: Load the HL pair hair direct Addressing from the memory location is, previous content of HL pair Will get updated with non 16-bits value. 2) A CHG: Used to enchange contents of HI pair with DE register pai 3) XTHL: This instruction enchanges the contents of the top 2 locations of me stack wim contents of HI pair register. 4) PINL: The control of pasgeam is pransferred to manney address equivalent to HL register pour content. S) DAA: It enchanges binary value to BCD in me accumuldo 6) SIM: Set intempt mark. For partially diabling in tempts like RST 7:5, RST 6.5, RST 3.5. anst. Indentify the content of accumulator of following in bruttin : A-7F MYIA, FFH Szl DKA A ZzO CPI AZM Cy = )



