(18 ECC 203J) Micro controllu, Micro proussor and Interface techniques.

## Assignment 2

ROU NO- RAZILI DOYOLO 272 Section - ECE-DL

AI) EPROM-2 X & 16K X 8 3 = 32K X 8 RAM - 2 X & 16K X 8 3 = 32K X 8

 $n = \log_L N$ 

n = no. of addresses lines

N= no. of memory locations.

N= 692 16384

n=14

Addus Ao-AIS

Ao - und to choose high loven som.

Ai - Ai3 - Addus for the 8x memory.

: wan gnissubbt

MOV A, ILH
MOV h, A
MOV 31h, A
MOV 52h, A
MOV 53h, A
MOV 57, A.

B Registu indisuut adabussing mode with a open loop.

MOV A, #12H MOV RO, #50h

MOU @ROIA

INC RO;

MOVRO

MOV @ RO

INCRO

MOV@RO

INCRO

MOV @ RO

agister indicat addining made with loop.

MOV A, #12H

MOVRO, #50H

MOV R2, #05

A-GAIN;

MOV@ROIA

INC RO

DJNZRZ, AGAIN.

A2) OR4 0

MOV DPTR, # 300H

MOV A, # OFFH

MOV PILA

BOOK: MOV AIDI

MOVE A, @A+ DPTR

MOV PLIA

STMP Ball

OR+1 300+1

ENO.

MOV A, # 38 H

ACALL CMND

MOVA, #OFH

A CALL CMND

MOV A, # OIH

A CALL CMND

MOV A, #06+1

ALALL CMND

MOV A, #8LH

ACALL LIMND

MOV A, #3CH

ACALL CMND

MOV AHUAD

ACALL DISP

MOV A1#54D

ACALL DISP

MOV A, #88D

ALALL DISP

MOV AI #50H

ACAU DISP

MOV A, #320

ALALL DISP

MOV A1 # 760

ACALL DISP.

JU A, # OCIHI

MOV A, #840

ACALL DISP

MOVAILE3D

ACALL DISP

MOV A, #65D

ACALL DISP

MDVA, #89D

ALALL DISP

Heu: STMP HERE

CMND: MON PILA

CLR P3.5

CLR P3.4

SETB P3.3

CLR P3.3

ACALL DELAY

RET

CLR P3.3

CLR PS.4

RET

END.