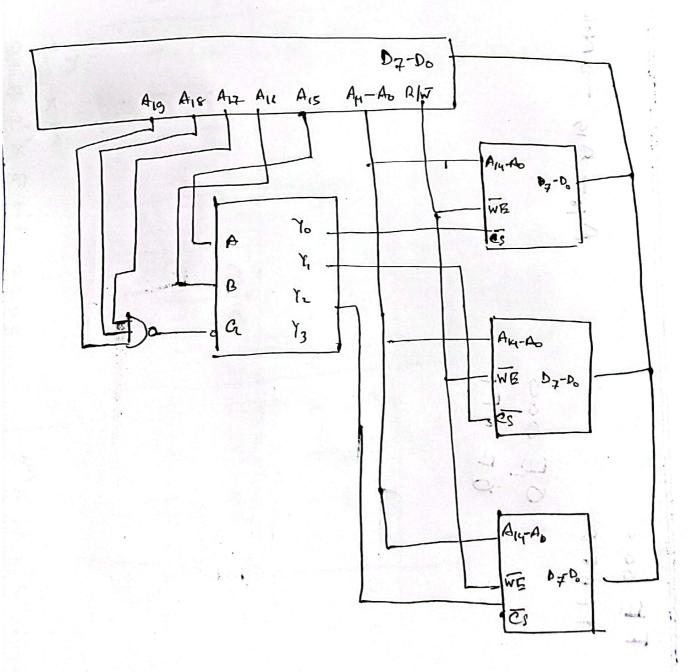


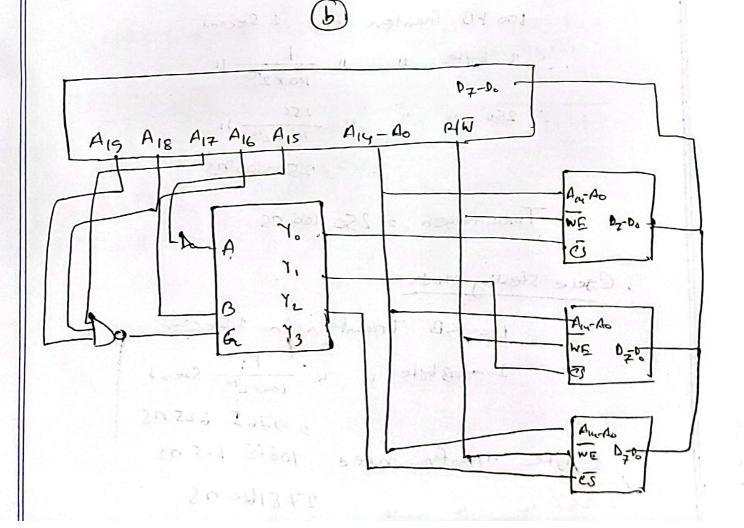
Question 1 (A)

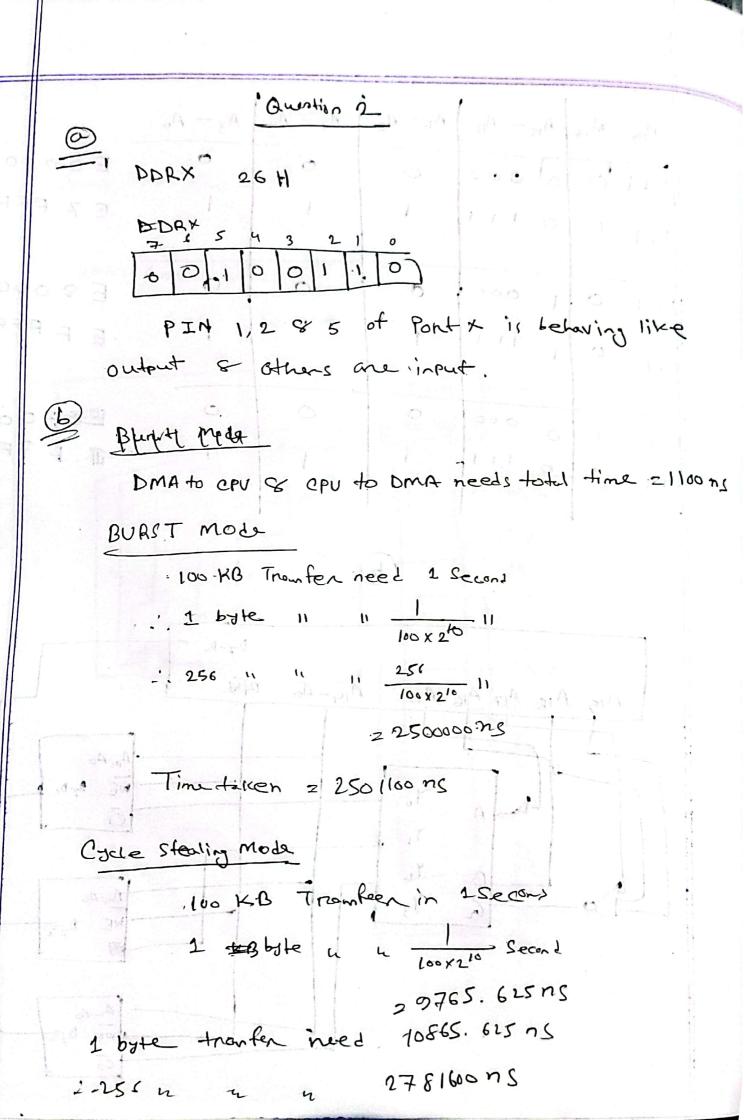
Each RAM Size 2 215 x 1 byte 2 32 kB

RAM Requires 2 96KB 23KB



	A19 - A16	AIS- AIL	A A 8	17 - Ay	$A_3 - A_0$	
	1110	0 000	0	0 110	D X A d d	E0000
	111 0	0111	1	1	ાં	E7 FFF
				111010	Halotal	
	1110.	1 000	o	10	0	E 8 000
	0	1 11	har To	5 15 T	1 10-19	BFFF
	111		what we	2-21/10	- Trophe	0
		0 000	0	0	.0 Ngg 14-pape	E 120000
) A 08	Hay sont	0 111	1	100	uno of AMI	# F 7FFF
					Som Tiau	0
					San I SHI	(S)





?. Total Time 2 (2781100 + 2501100) on 528270115

Jesuso Tuarau

CONTRA 4 SUDO

= 068F2H

Question 3 HOL- HARMS

2564B × 8

2 28 x1 KB x 1 byle

= 28 x 2 byte

2218 byte HEERO + HOIVH 1020 = A9 (3)

18 bit Adress Dun

B

4FFFH -> -0100 1111 1111 1111 0000 0000 0000 4000 H -> 0100 # 8636H

> 1000 1111 00019 cha 1111 1111 1111

ZF = 0

PA = OCASHXIONA

150-10'SF 2 1

[Deen + Exit

m wirPf 2 1 up 1 2249 sides 1 22 2308 (9)

11 -m/2 OF = 12 1,1 31. 22 much 1 = 1/2) Fd - 1/20

3096 =

don't de l'open 10 bit somme la And To BIU de

Is a Despecies Added to be come concer number of

Question 4

(D)

HF THI

ZHX4H21CH & million

001EH	Os High		
OOIEH	0 6w		
OOIDH	IP High		
OOLCH	IPLOW		

(b) PA = OSCIHXIOH+ OFE2H 18 SIX DORANGE BUT

2 96BF2H

alto de s

Exame

2 8 C3C#

12 06 A9H

2 9 6 B 126 H

PAZ 8 C3 COH+ "A827H"

PA-2 96 A3 HX101H 01514

2 963674

[Doen't Exist]

(Doen't Ergo)

@ 8086 Sen 1 20.6it physial Athesi to the memory Unit by logical Address, 16 bit Register stone 16 bit data of logical 16 bit segmentedon. And In BIU then Is a Debicate & Adden by whic logical Attacks convent 1-to physical Address and connect with 20 bit Date bu With 16 5it register