-	Page S	No.				
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Name of Street		
	Name : Kalani Karan	Cougo
	semester = 5	
	11	
	SPOK NO : C55A021	sign - K. G. Kalang.
	pg. No: 1/6. OF Q2	5141)
-3		Protected Mode
	Real Mode	INGIECIECE III.
	1 2 2 1 2 2 2 2 2 CCC 2 4	In this processor works in
Ĭ	warks as 80881 8086.	full capacity.
	. This made has only I MB	
	memory addressing	MB to fow GB memory
	capability:	addressing capability,
18	This made handles only	This made hardles multiple
- 111	one task at a time	tasks at time
0.	In this membery	In this memory address
	address, translation not	translation required
	required.	
1,	in this made process or or	In this mude processor
V -	computer dissection communicate	communicate with posts and
	with posts and devices.	
	This mode is not	This mude supposts
	supposted memosy	memory management
7	This made supposts less	This mode supposts more
01	addressing modes and	addressing modes and
	instructions	instructions
	11157-6401011	

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Date			

1		(Date)
	pg. No :- 2/6.	of Q2 sign > 10-6 radow.
(A	Stage.	Descappion.
	Prefetch.	Identical to integer prefetch stage
	Instruction Decode 1	Identical to Integes DI stage,
	Instaution Decode 2	Identical nu înteger D2
	Stage (EX) 1-P Execution 1 Stage.	Register, sead, memory sead or memory write performed as required by instruction  Information from register or memory is worten into the register. Data is converted
		toaded into floating point unit
	2 Stage.	Froating point operation performed
0_	weite FP  Besult.	Floating point results are rounded and result is worther to target floating point register
	6 eposting	The an exporting stage is approxed where the exposting stage is approxed and FPU status word is updates

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Teacher's Sign .: \_

	pg:No: 3/6. of 92. sign: Karalaw
B)	In order to control the organisation of
-	program and provide necessary information
	to assembler to understand the assembly
	language programs to generate necessary
	hachine codes the assembly directives
	are used.
	(9) An assembler supposts disectives to define
0	to define mackos
	to define macros
	iii) various upes of assembler directives of
	8086 dec.
	a) The DB disective
	The DB directive is used to declare a
	BYTE -2-BYTE Vasqable.
	a byte 95 made up of 8 69+5
	eq: Btye 1 DB 10h.
	Btye 2 DB 255, OFFh (Max possible for byte)
Alle	
	b) The DW directive
	the Dw displice is used to delas-declase a
	WORD type vastable
	A word occupies 16 bits of (2 Byre)
	eq: WORD DW 1234h.
	OFFFb - max possible to 6 a wood.
	P.T.D.

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- The DD disective.

  The DD disective is used to declare Dword

  A Dword is double word it is made up

  of 32 5its i.e 2 words or 4 bytes

  eg: Dword Dw 12345678h

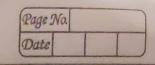
  Max possible -> offffffffh.
- They are used to define a structure template of grouping data items
- e). SEGMENT.

  It is used to indicate Staxt of logical

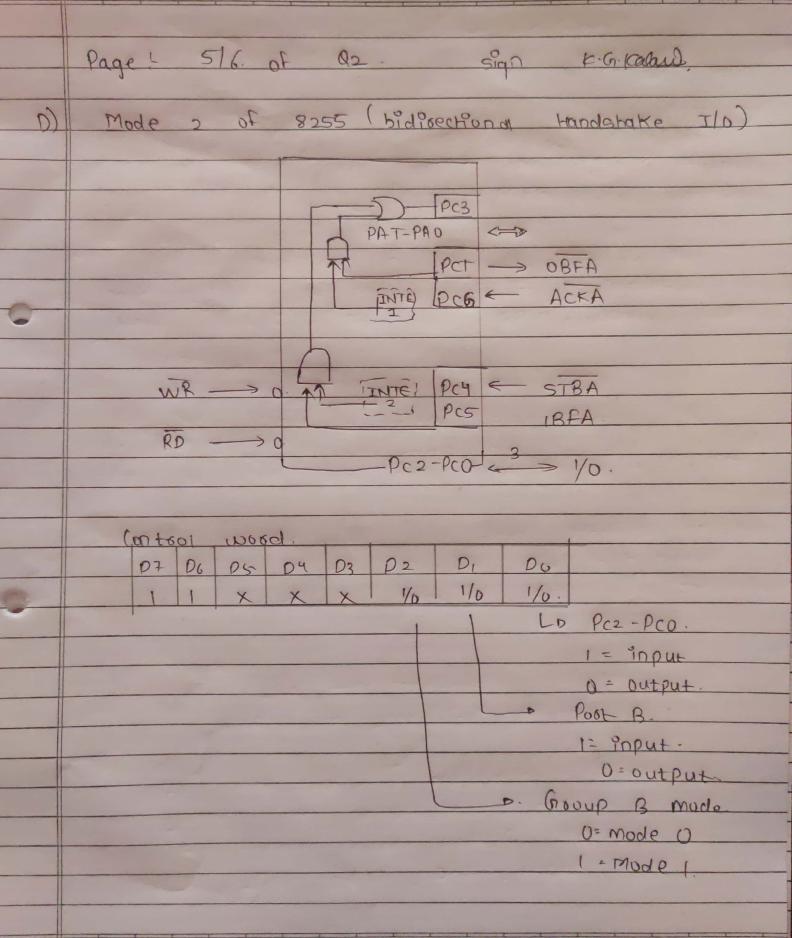
  segment. It is the name given to segment.

RAD.

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-	Page 616. of 92. Sign - K.G. Kalan.
1	THE STATE OF THE S
	wooking: Post A is used as 8-bit bidisectional
	handshake I/o post Post A regulares 5 signals
	From Post c For doing bi-directional handshake
	Post B has following options.
	i. Use remaining 3 lines of post c for
	handshaking so that post B is model.
	Here Post C lines will be completely used
	for hand shaking.
	OR.
	Post B works in modes 0 as simple 1/0.
	In this case the remaining 5 lines of Ports
	can be used for data transfer
	Post A can be used too data transfer between
	two computer as Shown, The high speed
	two computes as Shown, The high speed computes is known mastex and kest as slaves
	For Poput.
	STB and IBI - handshaking signals
	INTR -> Intersupt signals
	Fo 6 out put:
	DBF and Ack -> hand shaking signals
-	INTR -> Intersupt signal.
	Thus 5 signals from post C are
	STB, IBF, INTR, OBF, ACK.
1	