## DCO-LAB



Assignment - 1

1>			INTERR	UPT .S	SID	SOD			
(~				-11					
			INTERR	UPT	CEL	2101			
	CONTROL				SERIAL I/O CONTROL				
					77 331,702				
				8-81			T INTERNAL DATA BUS		
	47		4	7		ONLY STORESTONE MARKET STREET	4	4	
	1	1					J.		
	ACCUMU-	TEMPORARY	+	INSTRUC	TION	В	c		
	LATOR	REGISTER	FLAGS	REGIST	ER	D	E	A. 100 D	
				(IR)		Н	L		
					ST		CK POINTER		
	ARITHMETIC  LOGIC UNIT		ARITHMETIC	INSTRUCT			(SP)		
			d	DECODE			1 COUNTE	R	
				&			Pc)		
-			(ALU)	M/c CYCL		INCRE	MENTER	/	
				ENCODIN	61	DECRE	EMENTER	2	
	XI TIMING & CONTROL								
	X2 UNIT							2 5	
	ADDRESS							DATA/ADDRES	30
	CONTROL SIGNALS BUFFER							BUFFER	
	CLŒK							11	
	Ag - A15 ADDRESS BUS							$AD_0 \sim AD_{\overline{q}}$ ADDRESS / DATA	
									ATA
	Fig. Block Diagram of Intel 8085  BUS								
	tu-		1.1 +	d Mississ	ST 517 01	say 80	185		
	The Architecture of Microprocessor 8085								
				U					

Dato - Fage No.

2	Difference between HDI	and SSD.
Ans-	HDD	SSD
•	HDD stands for Hard Disk Dine	. SSD stands for Solid State Drive
•	HDD contains morning mechanical	· SSD doesn't contain mechanical
	parts, like the arm,	· SSD stands for Solid State Drive.  · SSD doesn't contain, mechanical  part, only electronic parts like ICs
		' / /
•	It has higher latency. It has longer R/W Time.	· It has lower latency
•	It has longer R/W Time.	. It has sharter R/W Time
	It has pragmentation	. It don't has fragmentation
•	It is heavier in weight	· It is lighter in weight
	It is larger in size.	· It is more compact in size.
•	It is chaper per unit storage	· It is costher per unit storage
	Data branger is sequential.	. Data transfer is Random Access
Я	Data branden is sequential. It is older and more treatitions	. It is never to use.
•	It support I/O operations per	· It supports more I/o operations
	Second.	per second.
•	HDD is less reliable due to	· It is more reliable.
	possibility of mechanical failure like head cresh and susciplibity	
	like head cresh and susciplibity	
	to strong magnets.	
	J U	
•	It can produce noise due to	· It does not produces noise.
	It can produce noise due to mechanical movements	/
	•	