SERVICE	COA Notes.	(A),
	001010=	
	Chap-1 29/9/23	
	Chapter # 1: Introduction	
	11110000110	
*		
	refer to Those attributes	
	of a system visible to a	"未"
	programer, or, those attributs	instrution
	that have a direct impact on	
	the Jagical encution of a program. eg. instruction set,	
	I/s Mechanism, addressing momor	
		KU K
*	Computer Organisation:	
	refers to operational	
	units and their inter-connection	
	that reliase the architectural	
	specification eg; those harder	
Fr Con	détails transparent to pro	grano.
	such as contrel signals,	
	memory technalogy used.	
->	Mostly computers are manufa	cturel
	with same architecture but	the state of the s
	may be different organization	n.
· -> .	In macrocomputers the relation	suip
	between arenitecture and	
	organization is very close.	
100000		The second secon

2.		
->	RISC: reduced instruction	
	set computers.	
$\rightarrow$	Computer organisation must	
1.	be designed to implement a	
1	particular insdruction farchitecture	5
	so a through treatment of	
	one require detail enamination	
	of other as well.	
1.2	Structure & Function:	
+ 4	Structure is the way in	
	which the component are	
	interrelated	
-7	Function is the operation	
	of each individual	
	componend as part of the	
	structure.	
7	The general basic functions that a computer can perform	
	Data precession Con perform	
	· Data Storage	
	· Data movement	
	Carta C.	
	syrage processis	
No.	BORNING BORNIN	
Salah Milatan		7.30

The same of		(3)
-9	When data is recieved or	
	delivered to a device that is	
	directly connected to the campi	
	is called I/o and device is ?	
	as a peripheral.	
->	When data are moved over g	
	distances the process is know	n
	as data communication.	
	Computer interacts with its em	
	Pinkage to enternal devices es be classified as	Consumice than
	Deviolated devices or periph	Gires
	communation Jines Compiler	
->		their
	The general basic structures a computer posses are.	
	· CPU: performs date processing	
	· Main Memory: Stores dada.	
	. I/O: Maves the data to compiter	& environt
	· System Interconnetion: communi	cation
	of these structure with each o	tter.
	The we want to an an arms of a	- N
	There may be one or more afor	Cinectioned
	components.	
-	The most intrestive and most	
	The most intresting and most complex component is the CP	().

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and the second of	The state of the s	a resident
_	Major Structural components of	
	CPU are:	
	· Contral Unit: contrals the	
	operation of CPV and home Comp	ter
	· ALU: perform data processing	
	· Megisters: provides interal stor	Je.
	· Registers: provides interal stor · CPU interconnection: mellanism	
	that provides for communication	
	aniong There components.	
		1
		+ +
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