$Q_{4}$		
Micro-Processor: - Processor didn	thouse BAM, Bo.M. and	
usem e thompe, ilo Ports and	it's amust to add them to	
Micron Controller: - a Chir Contains MPC on CPU and RAM.  Micron Controller: - a Chir Controller on the Paphials.		
the state of the s	richo; - Rondroller". (2)	
Mechationis system: Integration electronic	between mechanical and	
electionic =	systems.	
	C	
min_bitiplacessor: Processor we	ocks for M-bit of Data	
mith N-pit	mstructions and in Dater (R) It will broken down to (R).	
"Variaber Gram	The standard Course of the	
(P2) Miero-Processor	Micro-controller	
general Pur Pose	Specific Parpose "include MAV"	
BAM, RoM, i/o boesn'texist.	exist	
Adv: Modular and Can be customized	Ideal for systems in which	
by designer by Choosing size	Cost, space and Power	
of RAM, Rom and Prephirals.	are oritical	
DisAdr:- More expensive as RAM	Designer count ende enterally	
Ron and I lo are abbed	Same hor ilo, BAM, ROM.	
externally.	Tiners and Soon.	

93) von-Neuman	Harvard Arch.
CPU/Bus/Data instaction	CPUK Bus Nortal
* Sivelle bus For Data and instruction	instractions.  * Serarale memories.
* Single memory *Used in Computers	Luselin MCU's.
EEPROM -> Programmed multiple Flash -> Programmed and E data Erase.	e times and crased electrically.  Rosed Electrically with fouture of specific
Maskel Rom -> Programmed on  (35) SRAM -> Based on Clipflors  DRAM -> Based on Carbellord  NV-RAM -> SRAM+ Badlery  SRAM+ EERO	"b transistors" doesn't refinite refleshing to reep duta.  I trans and it require refleshing to reep duta.  To keep duta when there is  M no vollage in Puto
96) CPU doesn't have the (But it can be write eg. CDROM Burner.	capability to write to from on it by external device

All the second of the second of the second

(37) Cost Specd Erage writable volatiles Erogesize Type Expensive Fast Byte 00 Jes yes SRAM Moderate Moderate Byte 00 yes DRAM yes Cheap Fast No, Masked BOM No \_\_\_ Moderale bast once PBOM No and it is to the second of byuser Enline Limited. Moderate Forst EPROM ... NO Jes; by Chip User Byte limited Expasive fost R E EPROM No yes No Sector limited Moderate Feet R . Flash Sphinister Land South of There in the Interior I was I start Slow W NVBAM No yes Byte as Expensive Fost 02.00 The Tobelson of the sono hand of the ment being adding the contract of the state of the stat Ad 200 at the 199 of the Deline will all of the Best the 1999. 21 west notice state and of I made 2 109 MARVIA oligi millor erine Jering Most of ofine of Hillson 14 mont from 190 ( 100/100/100/xx pd/100 7/18/10 0/ 1/2/ 1607 El M. G77 PO