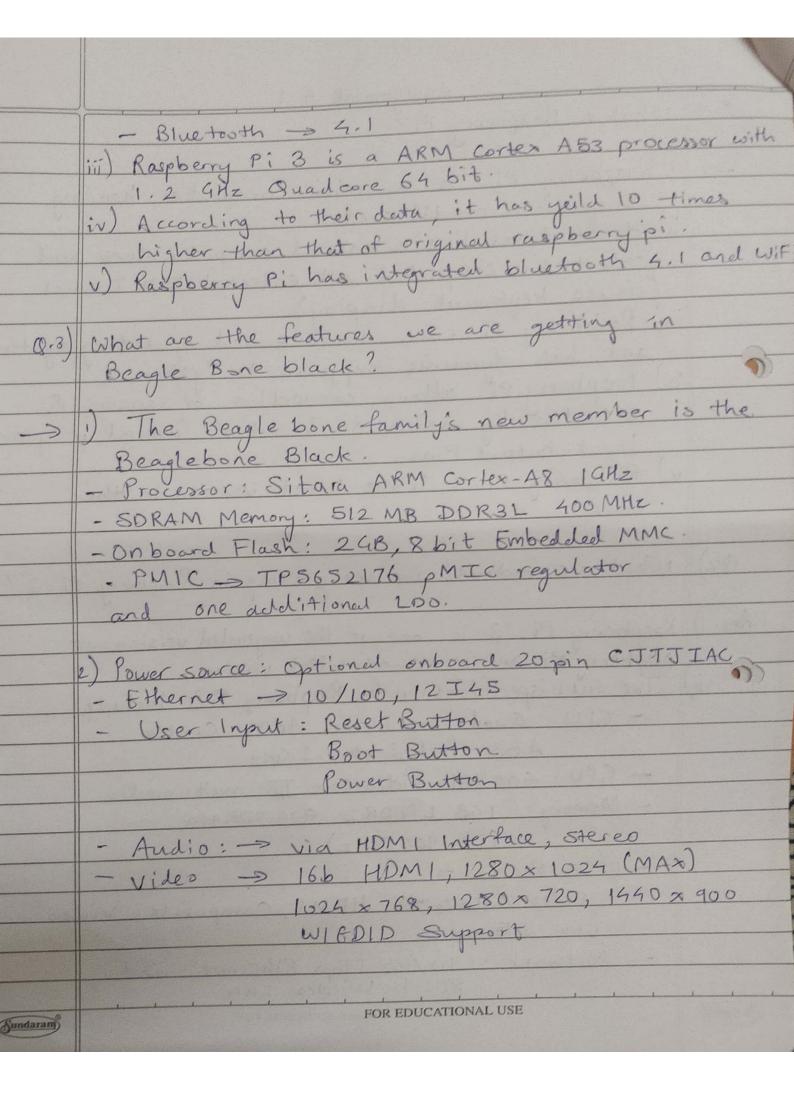
Assignment A-1 Q.1) What is Raspberry Pi? > i) Raspberry Pi is a mini computer having Size of a credit card: ii) It functions like a normal computer does and needs to be computed with external IO Devices (mouse keyboard, display). iii) Raspberry Pi runs linux based operating system and has dynamic support to Python.

iv) Raspberry Pi allows connection of sensors & actuators by means on board of General purpose liput-butput Pins. Input-butput Pins. V) Raspberry Pi 3 is the latest version in the Q2) What are features we are getting in Raspberry Pi 3? Ans. i) Raspberry Pi 3 is one of the upgraded version of Raspberry Pi and is second-latest version.

ii) The full specification for Raspberry Pi3 include: - CPU: guad-core 64 bit ARM Cortex A 53 clocked at 1,2 GHz. - GPU: 400 MHz video core TV multi media - Memory: IGB LPDDR2 900 SDRAM. (i.e. 900 MHZ) - USB Ports: 4 - Video outputs -> HDMI, composite video - Network: 10/100 Mbps Ethernet and 802-11 Wireless LAN, FOR EDUCATIONAL USE



8.4	Difference be	tween Beagle Bone	Black and
	Difference be Raspberry	P13?,	
	form	Raspberry Pi 3	Beagle Bone Black
	Factors	Pi 3	Black.
	Processor	1 2 C.4 - 66 1 - 1	1011 1211
		9uad Core ARMV5	Sitacy AM 325
1		CPU	Sitara AM 335g.
	Architecture	64-bit	32 bit
	Instruction Set		
	THIS THUCK ION SEX	ARM V8	ARM V 7
	RAM	198 LPDDR2	512 MB DDR3L
			49B on board
	C1		
	Storage	SD	CMMc, MicroSD
	The Rough	Pry Pi 3 has non F	
	- The Rospberry Pi 3 has more RAM, it is also the slower DDR2 RAM, whereas Beaglebone Black has		
	DDR3 RA	.M .	V
	- Similarly, Raspberry Pi has no onboard storage but the Beagle Bone has 49B onboard storage.		
Sundaram		FOR EDUCATIONAL	USE
Garage	TON EDUCATIONAL OSE		