Λı	110	eba Sisters. Introduction to Cens. 11	le Grand Tour Video Q	uestion sheet	
		Name:	Block:		
a)	1.	What is the modern cell theory? 3 Things.			
b)					
c)					
		What are examples of organisms that make up Prokaryotes:(2 examples illustrated)			
		i) ii)			
	b)	Eukaryotes:(4 things illustrated) i) ii)	iii)	iv)	
	3.	Similarities between Prokaryotes and Eukary	otes.		
		Prokaryotes and Eukaryotes both have:			
		1)			
		2)			
		3)			
		4)			
	4. Unlike Eukaryotes Prokaryotes have no and no membrane		ane bound		
	5. A cell membrane is also a membrane, which is selectively permeable, w				
		means only selectively allow certain	in and out. By do	oing so, it keeps things	
		in the cell and stable. Another word for stable	e is	A jelly like material	
		that surrounds all cell structures is called	Can	you find cytoplasm in	
		both prokaryotes and eukaryotes? Yes or No. Are ribosomes in both Prokaryotes and			
		Eukaryotes? Yes or No. A is a collection of fibres that provide support for the			
		and its organelles.			
	6.	The main function of <u>ribosomes</u> is that they make			
	7.	The <u>nucleus</u> in Eukaryotic cells hold			
		The Nucleolus is in the	, where	are	
		produced.			

8.	Attached to the membrane of the nucleus is the Endoplasmic Reticulum, which is abbreviated as		
9.	Rough ER's main function are(2 things)		
	a)		
	b)		
10	. Smooth ER's main function is:		
	a)(Reason why there is tons of this in the liver.)		
11	b) . The Golgi Apparatus(GA)'s main function is to(3 things)		
	a) Ultimate center.		
	b) Has that modify molecules.		
	c) Sorts materials and can determine where to send the different		
12	The word that means sending items out of a cell is called		
13. Mitochondria are like power plants making during a process ca			
	Respiration or CR. ATP runs on, which is the formal word for sugar. CR		
	needs the presence of to make ATP efficiently.		
14	Eukaryotic plant cells have many of the organelles animal cells have with the addition of		
	These awesome organelles can make sugar directly from		
	energy in a process called <u>photosynthesis</u> . These organelles have a green look		
	to them, due to a pigment that captures light energy and reflects light.		
15	5. Vacuoles are <u>cell organelles</u> that can have different functions such as simply of		
	materials.		
16	i. All cells have membranes, but plant cells additionally have a cell This adds		
	protection and supports the shape of these cells.		
	Eukaryote Membrane- losed nucleus Ribosomes Ribosomes Cell Wall (in some eukaryotes)		